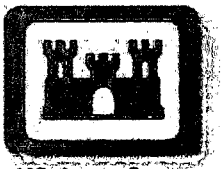

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FINAL

RI/FS OVERSIGHT DATA EVALUATION REPORT

December 2013

Remedial Investigation/Feasibility Study Oversight
CPS/Madison Superfund Site
Old Bridge Township, Middlesex County, NJ

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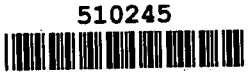

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LIST OF ACRONYMS

%R	percent recovery
AD	absolute difference
AOC	Administrative Order on Consent
BASF	BASF Corporation
BEE	Baseline Ecological Evaluation
bss	below sediment surface
Ciba	Ciba Specialty Chemicals Corporation
CLP	Contract Laboratory Program
cm/sec	centimeters per second
CPS	CPS Chemical Corporation
CSM	Conceptual Site Model
DER	Data Evaluation Report
DESA	Division of Environmental Science and Assessment
DQI	data quality indicator
EPA	United States Environmental Protection Agency
EPLC	Evor Phillips Leasing Company
FCR	Field Change Request
FS	Feasibility Study
ft bgs	feet below ground surface
GC	gas chromatography
gpm	gallons per minute
GW	groundwater
GWTT	Ground Water Treatment & Technology, Inc.
HHRA	Human Health Risk Assessment
IRM	Interim Remedial Measure
LCS	laboratory control sample
Madison	Madison Industries
MCL	Maximum Concentration Limit
MD	matrix duplicate
MS	matrix spike or mass spectrometry
MSD	matrix spike duplicate
msl	mean sea level
NJDEP	New Jersey Department of Environmental Protection
PAL	project action limit
PARCC	precision, accuracy, representativeness, comparability, and completeness
PCB	polychlorinated biphenyl
PGI	Princeton Geoscience, Inc.
PMP	Performance Monitoring Program

LIST OF ACRONYMS (cont'd)

PRP	potentially responsible party
PVC	polyvinyl chloride
QAPP	Quality Assurance Project Plan
QC	quality control
QL	quantitation limit
RAS	routine analytical services
RI	Remedial Investigation
RL	reporting limit
RPD	relative percent difference
SCC	soil cleanup criteria
SOP	Standard Operating Procedure
SOW	Statement of Work
SRI	Supplemental Remedial Investigation
SVOC	semi-volatile organic compound
SW	surface water
TAL	Target Analyte List
TCL	Target Compound List
Tetra Tech	Tetra Tech, Inc.
TO	task order
ug/L	micrograms per liter
USACE	United States Army Corps of Engineers
VOC	volatile organic compound

1.0 INTRODUCTION

This Remedial Investigation/Feasibility Study (RI/FS) Oversight Data Evaluation Report (DER) presents the analytical split sampling data acquired during RI/FS oversight activities performed at the CPS/Madison Superfund Site (the Site), located in Old Bridge Township, Middlesex County, New Jersey. This report has been prepared by Tetra Tech EC, Inc. (Tetra Tech) in response to Task Order 0001 (TO 0001), issued by the Kansas City District of the United States Army Corps of Engineers (USACE) under Contract Number W912DQ-11-D-3011. The information presented in this DER was obtained and evaluated pursuant to the USACE-approved Oversight Quality Assurance Project Plan finalized in October 2010 (Oversight QAPP; Tetra Tech, 2010a) and current USACE, United States Environmental Protection Agency (EPA), and New Jersey Department of Environmental Protection (NJDEP) guidance documents.

1.1 Purpose of Report

The purpose of this DER is to: provide a summary of Tetra Tech's oversight of the field activities performed during the RI/FS (specifically the Supplemental Remedial Investigation [SRI] Phase II work), including any deviations from the approved plans; assess the quality and subsequent usability of the data collected; and compare analytical results of samples split with the Potentially Responsible Party (PRP).

1.2 Site Background

The following provides a summary of background information on the Site. A majority of the information contained in this section was obtained from the January 2013 Remedial Investigation Report (Princeton Geoscience, Inc. [PGI] et al., 2013), including Appendix P which contained the November 2005 RI/FS Summary Report and Appendix Q which contained the March 2008 Revised Supplemental Remedial Investigation Workplan.

1.2.1 Site Location and Description

The CPS/Madison Superfund Site is comprised of two adjoining properties, totaling approximately 35 acres of land: the former CPS Chemical Corporation (CPS) property and the Madison Industries (Madison) property. The Site is located on Old Water Works Road in Old Bridge Township, Middlesex County, New Jersey. Industrial operations are present to the north and west of the Site, and the City of Perth Amboy's municipal supply well field (Runyon Well Field) lies to the south. The site and surrounding area is shown in Figure 1, which was extracted from the PRP's Remedial Investigation Report (PGI et al., 2013).

1.2.2 Site Topography and Physical Features/Drainage

The Site lies within the New Jersey Coastal Plain physiographic province, an area characterized by very flat or gently rolling topography. The land surface in the vicinity of the Site is relatively flat with a gentle slope southward from local high points located to the north. Much of the natural conditions have been altered as a result of site development and quarrying of sand and soil in the eastern portion of CPS (which was mined circa 1977). Based on the height of the

unexcavated edges above the leveled areas onsite, as much as 6 to 8 feet of material was removed at that time.

Most of the former plant area of CPS and the current operational areas of Madison are covered with impermeable surfaces, including concrete, pavement and building footprints. Specifically for the CPS portion, reinforced concrete was installed in the approximately 1.5-acre former main process area during plant construction in 1969. In 1979, following site re-grading and berm installation, emplacement of 8 inches of soil cement and 5 inches of asphalt overlay was performed throughout the process areas to help prevent spillage and storm water infiltration to the subsurface. Except for the former tank farm area, which was demolished in 2005 and is currently an unpaved water filled depression, the other areas on the CPS portion of the Site with soil cement and paving remain intact, although some asphalt surfaces were damaged during the demolition activities.

Local surface water originates in wetland and intermittent stream segments east of the Site. The intermittent drainage feature emanating from these areas, known as Pricketts Brook, formerly flowed in an easterly direction across both the CPS and Madison properties. In 1972 and 1977, the stream was re-routed to follow a course along the eastern, southern, and western edges of the CPS property as part of CPS's site development. Currently, the stream runs through a concrete-lined channel along the western edge of the CPS property, before continuing onto the Madison property, where it flows through a riprap-lined channel in a west-southwesterly direction. Based on observations during RI/FS activities, stream flow is intermittent in the uppermost reaches of Pricketts Brook, including throughout CPS and in the eastern portion of Madison. Pooled surface water may exist locally at various times, but flow within the stream channel occurs mainly during and following wet-weather periods.

Upon exiting the western property boundary, Pricketts Brook flows onto Runyon Watershed property, where it flows in a natural channel into Pricketts Pond. The lower segment of Pricketts Brook flows from the pond in a southwesterly direction, entering Tennent Pond near the dam at the western end of this pond. The lower reaches of Pricketts Brook are perennial. Both Pricketts and Tennent Ponds are manmade impoundment features intended to enhance aquifer recharge for subsequent water supply needs. In the early 1900s, a dam was constructed on Tennent Brook, creating Tennent Pond, and in 1972, a dam was constructed across Pricketts Brook, creating Pricketts Pond.

RI investigation activities indicate that groundwater recharge (stream loss) occurs along the segment of the Pricketts Brook passing through the Madison property (an unnatural condition caused by the operation of the remediation groundwater extraction wells) and along the lower portions of Pricketts Pond and the southern segment of Pricketts Brook downstream of the pond. Groundwater discharge (upwelling) naturally occurs along Pricketts Brook downstream of Madison and at the northernmost portion of Pricketts Pond.

1.2.3 Site Geology

The Site lies in the northeastern part of the Coastal Plain Physiographic Province, which consists of a large, regional wedge of unconsolidated and poorly-consolidated sands, gravels, silts, and clays.

The 1987 Soil Survey of Middlesex County, New Jersey classified the soil beneath the Site as "Urban Land". This designation reflects developed land where "more than 80 percent of the surface is covered by industrial plants...and other structures."

The shallowest native materials encountered beneath the fill during drilling in the RI/FS investigation were Quaternary-aged Alluvium described as a yellowish to dark brown stream deposit consisting of sand, silt and gravel with minor clay and peat. The Alluvium is greater than 4 feet thick (maximum depth of drilling during RI/FS activities) on the eastern portion of the Site and varies between 4 and 12 feet thick in the central portion of CPS, with the greatest thicknesses noted along the natural trend of Pricketts Brook (prior to its relocation during CPS site development).

The Old Bridge Sand is present throughout the Site and surrounding areas at the ground surface, or as the first Coastal Plain unit beneath any surficial geologic deposits (such as Alluvium above). This unit generally consists of light gray (weathered to white, yellow, orange and pink) cross-bedded fine to medium and occasionally coarse-grained quartz sand, with occasional clear mica and sand-sized lignite with dark gray, carbonaceous clay beds as much as 3 feet thick. The Old Bridge Sand can be as much as 100 feet thick. The grayish color and lack of gravel distinguish the Old Bridge Sand from the surficial deposits which locally overlie the unit.

The base of the Old Bridge Sand is defined by the top of the South Amboy Fire Clay or, where that unit is absent, by the top of the Woodbridge Clay. The depth of this contact ranges from about 65 to 80 feet below land surface, corresponding to elevations -40 and -50 feet relative to mean sea level (msl), except in portions of the Runyon Watershed where the South Amboy Fire Clay interval is absent. In those areas, the Old Bridge Sand is thicker and its lower contact occurs at a depth of about 85 feet (approximately -70 feet msl).

The South Amboy Fire Clay is a white- to red-oxidized (but locally gray), massive to laminated clay as much as 30 feet thick, containing lignitized, pyritic logs, and small pieces of amber in places. This unit also includes thin and discontinuous clayey sands, where locally present in subsurface (denoted as the Sayreville Sand). RI/FS activities denoted soils of the South Amboy Fire Clay interval are present beneath all of the Site and most of the Runyon Watershed property. The lithology varies from a white clay on the Madison property to interbedded sands and clayey sands on the CPS property. The depth to the top of the South Amboy Fire Clay interval varied based on ground surface elevation and the undulatory upper surface of the unit. The top of the unit was generally encountered at elevations between -40 and -50 feet msl.

The Woodbridge Clay is described as massive, dark gray clay and silt containing mica, wood (typically fine grained) and pyrite, occasionally interlaminated with light gray and white sand. The unit contains small (<3-foot-thick) beds and slabs of gray to brown siderite, and is as much as 110 feet thick. Drilling on the CPS portion of the Site during the RI/FS encountered dark gray, micaceous clay with brown to black wood fragments (lignite) interpreted as belonging to the Woodbridge Clay unit, at a depth of 94 feet below grade (elevation of -72 feet msl). In the Runyon Watershed, these clays were encountered at a depth of 85 feet (elevation of -63 feet msl) and are recorded in the boring log for Perth Amboy supply well PA-6 below a depth of 82 feet (elevation of -70 feet msl).

Beneath the Woodbridge Clay lies the Farrington Sand, which was not encountered during the RI/FS investigation. The Farrington Sand typically consists of white, yellow, red, and light gray, micaceous quartz sand, commonly interbedded with thin gravel beds and thin to thick dark gray silt beds. The unit is as much as 50 feet thick.

1.2.4 Site Hydrogeology

Two major aquifers (the Old Bridge Sand Aquifer and the lower Farrington Sand Aquifer) are found within the vicinity of the site. The Old Bridge Sand Aquifer is unconfined in the area of the Site and groundwater occurs typically at depths of less than 10 feet below the land surface. The Woodbridge Clay is a very effective barrier to vertical groundwater flow (permeability ranging from 7.9 x 10-8 to 2.7 x 10-7 centimeters per second [cm/sec]).

Under natural conditions, local groundwater flow generally follows topography and discharges as baseflow to wetlands and streams on its way to its ultimate discharge point, the South River. The natural southwesterly flow toward these regional discharge points is locally modified by both pumping stress and recharge from surface water bodies (e.g., Pricketts Pond and Tennent Pond). As described previously, those ponds function as aquifer recharge features. Groundwater in the lowest part of the aquifer flows in a southerly direction, passing below Pricketts Brook and Pricketts Pond, toward the Perth Amboy supply wells.

1.2.5 Site History

CPS Chemical Corporation

The former CPS facility processed, treated, and stored organic chemicals used in the production of water treatment agents, lubricants, oil field chemicals, and anti-corrosive agents. The plant operated from 1969 until 2001. From 1969 to 1974, the main CPS business was recovery of valuable materials from off-site process by-products and residuals. Materials were transported to the Site at least in part via rail car and stored/processed in above ground tanks.

In 1974, CPS began producing monomers (intermediates for the production of water treatment chemicals) in addition to materials recovery. In March 1998, Ciba Specialty Chemicals Corporation (Ciba) acquired responsibility for CPS's Old Bridge Facility as part of their acquisition of Allied Colloids, and it continued production of water treatment chemicals until the plant ceased operations in December 2001. By November 2005, the structures associated with

plant operations had been demolished. Ciba was acquired by BASF Corporation (BASF) in April 2009.

An on-site interim groundwater recovery and treatment system began operation in March of 1996 to contain contaminated groundwater emanating from the site-related source area until the source material was addressed by a remedial action. The extraction wells in operation are CPS-3A and WE-2RB.

The current features on the CPS property include:

- Former office and laboratory building;
- Loading dock;
- Fenced area encompassing the former chemical processing area. The concrete associated with the tank farms was crushed and piled east of the fenced processing area;
- Areas with soil cement and paving. Except for the tank farm demolition, these areas remain generally intact, although some asphalt surfaces were damaged during demolition; and
- Infrastructure associated with the pump and treat operation.

Madison Industries

Madison and a related business, Old Bridge Chemical, have been operating since 1967. The company produces inorganic compounds for fertilizers, pharmaceuticals, and food additives. Historically, Madison stored product, which contained zinc, lead, copper, and cadmium, in outside piles on the property. The piles have since been removed as part of previous remedial action. In addition, between 1970 and 1979, nine major storage tank spills occurred on the Madison property. These spills consisted of zinc sulfate and zinc chloride solutions and totaled about 80,000 gallons of material lost. Approximately half of the spills occurred before the tank area was paved in 1976.

Site improvements were made by Madison to reduce the potential for their operations to impact soil and groundwater quality. Completed improvements included: repairs to floor drains, sumps, a roof drainage pipe, asphalt and interior floor surfaces; removal and replacement of tanks; installation of impervious liners; moving operations from outdoor to indoor locations; and sealing cracks in asphalt. Since 1976, approximately 75 percent of the Madison property has been paved and bermed in a manner to capture precipitation and potential runoff. The remainder of the unpaved portion of the site is not used for production or storage.

Currently, Madison also operates an on-site groundwater pumping and treatment system with two sets of extraction wells (the RS-1 and RS-2 series wells) as an interim measure. The RS-1 series wells began operation in February 1997, while the RS-2 wells became operational in October 1998.

1.2.6 Summary of Previous Investigation Findings

In the early 1970s, dissolved metals contamination was detected in the Bennet Suction Line wells, which were 30 wells (depths between 35 and 55 feet below ground surface [ft bgs]) utilized as a potable water source for the City of Perth Amboy. The line was located southwest of the CPS property, generally adjacent to the Madison property. In March 1971, suction line wells Nos. 1 through 6 were abandoned, and by March 1973, Perth Amboy discontinued use of the remaining wells. To replace the potable water previously supplied by the suction line, supply wells were installed north of Tennent Pond (wells PA5, 6A, 7, 8 with depths of approximately 55 to 85 ft bgs).

In October 1981, CPS and Madison were court ordered to implement a remediation program to protect the Perth Amboy supply wells from volatile organic and metals contamination. In response, a performance monitoring program was implemented, along with a groundwater recovery system. Monitoring wells were installed between the CPS and Madison properties and the supply wells. Sampling of the wells was performed quarterly to determine the effectiveness of recovery, and volatile organic compound (VOC) and metals contamination was detected in wells downgradient of CPS and Madison. In 1990, low concentrations of benzene and chlorobenzene that exceeded the then state Maximum Concentration Limit (MCL) were found in existing Perth Amboy supply well PA-6. However, the water quality in the delivered water never exceeded the MCL.

In accordance with the court order, a groundwater recovery system was designed and installed downgradient of the two properties and operated from 1991 through 1997. Recovery wells RW-1, RW 2, RW-3 and RW-4 began operating on 25 January 1991. Recovery wells RW-1 and RW-2 were installed by CPS, and wells RW-3 and RW-4 were installed by Madison. The individual pumping rates at the recovery wells ranged from about 50 to 200 gpm.

In August 1992, a fifth recovery well (RW-5) was completed by CPS, 550 feet upgradient of supply well PA-6A to recover groundwater with low chlorobenzene concentrations downgradient of recovery well RW-2. Also in 1992, Madison installed an additional recovery well (RW-6) for on-site control of metals contamination.

The VOC concentrations within the Runyon Wellfield watershed declined with the operation of recovery wells RW-2 and RW-5, and in June 1995, CPS petitioned the NJDEP to terminate operation of recovery well RW-5 as a result of this decrease. The request was granted in July 1995. A similar request was granted in 1999 to allow the shutdown of RW-2. Pumping in RW-1 had been terminated earlier due to low levels of contaminants. Madison operated RW-3 until 1993. In 1997 Madison closed wells RW-4 and RW-6 in favor of a new set of on-site pumping wells (RS-series), to contain contaminated groundwater on site as an interim remedy, installed between 1996 and 1997.

CPS also began operation of an on-site interim groundwater pump and treatment system in March 1996 in response to the identification of the former tank farm area as the primary source of the elevated VOCs in groundwater. Typically, the two wells, CPS-3A and WE-2RB, operate

at a combined pumping rate of approximately 30 gallons per minute (gpm) (Ground Water Treatment & Technology, Inc. [GWTT] et al., 2012).

2.0 RI/FS OVERSIGHT OBJECTIVES

2.1 PRP RI/FS Objectives

The following are the objectives for the SRI as provided directly from the 2008 Supplemental Remedial Investigation Workplan (Ciba, 2008):

1. *Develop a database for project-related soil and groundwater analytical data to operate as a searchable repository for data quality and magnitude. It will include existing data as well as that collected during this SRI. In conjunction with other Site-related data (i.e., that the Evor Phillips Leasing Company Superfund Site [EPLC Site]), this database will be used to develop a* [Conceptual Site Model] *CSM for both the CPS and* [Madison Industries] *MI Sites. In addition, for the CPS Site, it will be used to update the baseline Human Health Risk Assessment (HHRA), perform a baseline ecological evaluation (equivalent to an NJDEP BEE [Baseline Ecological Evaluation]), and develop a remedial alternative Feasibility Study (FS).*
2. *Characterize the nature, extent and fate of volatile and semi-volatile organic compounds (VOC and semi-volatile organic compound [SVOC]) in groundwater existing on, and emanating from, the CPS Site. This includes the contribution to groundwater impact from the CPS source area and from the EPLC Site located immediately up gradient of the CPS Site.*
3. *Characterize the nature and distribution of CPS source material (VOC and SVOC) [i.e., site-related contaminated soil that is contributing to groundwater impact].*
4. *For the VOC and SVOC fraction of soil and groundwater contamination, compile a necessary and sufficient database and perform process analysis to support an HHRA and a BEE.*
5. *For the CPS Site, develop an interim land use plan and supporting documentation (e.g., environmental data) that will allow for the safe use of the Site to conduct business in a way that is consistent with the requirements of the RI and remedial action (i.e., do not interfere with the Superfund process).*
6. *For CPS Site contribution to soil and groundwater contamination, conduct a remedial action FS.*
7. *Characterize the nature, extent and fate of metals contamination in groundwater related to Madison Industries Site.*

2.2 Project Objectives

The objectives of this TO are to:

- Review documents generated by the PRP for technical competency with regard to standard scientific and engineering practices; compliance with appropriate, relevant and applicable local, state and federal requirements; compliance with applicable and acceptable guidance documents and industry standards; and compliance and consistency with approved plans;

- Ensure adherence of the field activities with the Administrative Order on Consent (AOC) and EPA-approved PRP project plans; and
- Collect and analyze split aliquots of samples collected/analyzed by the PRP, as required during implementation of the field activities, and perform a subsequent evaluation of the resulting data for usability and comparability to the PRP's data.

2.3 Data Quality Indicators

Data Quality Indicators (DQIs) are qualitative and quantitative statements that specify the quality of the data required to support decisions during remedial activities. DQIs include written expectations for Precision, Accuracy, Representativeness, Comparability, and Completeness (PARCC), along with sensitivity (detection limit verification), and were outlined in the approved Oversight QAPP (Tetra Tech, 2010a). The usability of the analytical data is based on the adequacy of the results to fulfill the requirements of these quality control (QC) characteristics, and this evaluation is presented in Section 4.0. Descriptions of these characteristics are provided in the following subsections.

2.3.1 Precision

Precision is the measurement of agreement in repeated tests of the same or identical samples, under prescribed conditions. Analytical precision was assessed by analyzing laboratory QC duplicates. The relative percent difference (RPD) between the original and QC duplicate sample analytical results provides an estimate of the analytical precision. RPDs were calculated as indicated below:

$$RPD = \frac{|Vo - Vd|}{0.5\,(Vo + Vd)} \times 100$$

where Vo is the original sample concentration value and Vd is the QC duplicate sample concentration value.

Sampling precision for this oversight project was assessed by determining the RPD between the results from the original PRP sample and the Tetra Tech-obtained oversight split sample using the equation presented above (provided that the results were reported above analytical reporting limits [RLs]). Perfect agreement between the analytical results from the two data sets would generate a RPD of zero. The sampling precision requirements, as outlined in Worksheet #12 of the approved QAPP (Tetra Tech, 2012a), were:

- RPD of less than 50 percent for organics in soil;
- RPD of less than 35 percent for metals in soil;
- RPD of less than 30 percent for organics in water; and
- RPD of less than 20 percent for metals in water.

A discussion of RPDs for PRP and split results is provided in Section 5.0.

Also as outlined in the QAPP, the absolute difference (AD) between the two data points was calculated when (1) one or both of the data sets had a detected concentration below RLs and/or (2) when one result was reported as a non-detect and the other result was reported above RLs. An absolute difference of less than two times the RL was the acceptance criteria. Absolute difference was calculated as shown below:

$$AD = |Vo - Vd|$$

where Vo is the original PRP sample value and Vd is the Tetra Tech-obtained oversight split sample value.

2.3.2 Accuracy

Accuracy is the degree of agreement of a measured sample result or average of results with an accepted reference or true value. It is the quantitative measurement of the bias of a system. Analytical accuracy was assessed by evaluation of instrument calibration; analysis of QC samples including matrix spike/matrix spike duplicate/matrix duplicate samples (MS/MSD/MDs), laboratory control spike samples (LCSs), and/or surrogate spike samples containing known concentrations of specific analytes; and analysis of laboratory blank samples. Percent recoveries (%Rs) obtained from the QC samples provide an estimate of the analytical accuracy. In addition, results of laboratory blank samples were assessed to determine potential bias of a sample concentration based on blank contamination.

%Rs were calculated as indicated below, depending on type of QC sample analyzed:

For matrix spike/matrix spike duplicate samples:

$$\%R = \frac{SSR - SR}{SA} \times 100$$

where SSR is the spiked sample concentration value, SR is the unspiked sample concentration value, and SA is the spiked concentration added.

For laboratory control spike or surrogate spike samples:

$$\%R = \frac{SSR}{SA} \times 100$$

where SSR is the spiked sample concentration value, and SA is the spiked concentration added.

Sampling accuracy was assessed by examining field log entries and laboratory data packages to confirm the data results were obtained following the applicable sampling procedures and analytical protocols; were of sufficient quality to satisfy the project quality objectives (as outlined

in the Oversight QAPP (Tetra Tech, 2010a) and the PRP's plans (BASF, 2010; GWTT et al., 2011; PGI, 2010a); and can be relied upon for monitoring the performance of the RI/FS.

2.3.3 Sensitivity

Analytical methods have specified quantitation limits (QLs) that are matrix-, moisture- and dilution-dependent. The QLs actually determined for a constituent for a specific sample may be higher due to these issues (denoted as RLs). Sample RLs were compared to the Project Action Limits (PALs) provided in Oversight QAPP Worksheet #15 (Tetra Tech, 2010a) to verify that the sensitivity of the analytical methods was adequate to meet project objectives. To be conservative and achieve adequate analytical sensitivity, the PALs were based on the NJDEP Residential Direct Contact Soil Cleanup Standards (SCCs), although as noted in the Oversight QAPP, these may not, however, be the final action levels used for the Site.

2.3.4 Representativeness

Split samples were analyzed through the EPA Contract Laboratory Program (CLP) or by the EPA Region 2 Division of Environmental Science and Assessment (DESA) Laboratory in Edison, New Jersey. The sampling program was reviewed to determine if procedures were conducted in accordance with the EPA-approved PRP plans (BASF, 2010; GWTT et al., 2011; PGI, 2010a) and the Oversight QAPP (Tetra Tech, 2010a). Shipment, storage and analysis of samples were also assessed for compliance with approved documents. Adherence to all of the above procedures and protocols would ensure the data were representative of the real site conditions in the sampled areas.

2.3.5 Comparability

To achieve comparability, collection and analysis for both PRP and split samples were performed using standardized procedures. Comparability was also assessed by evaluating the consistency in identification of target constituents and the comparison of the split sample data with the PRP results.

2.3.6 Completeness

Completeness is defined as the percentage of sample results that meet or exceed all acceptance criteria pertaining to precision, accuracy, and other QC objective criteria specified in the analytical methods within a defined time period or event (i.e., results determined to be valid and usable). The objective for data completeness for the split sampling is 90 percent.

Analytical completeness of the data is calculated using the equation below:

$$\% \text{ Completeness} = \frac{Dv}{Dt} \times 100$$

where Dv is the number of usable valid data values (i.e., all results deemed "usable" during the data usability evaluation) and Dt is the

total number of possible data values (i.e., both usable and rejected data values among all samples collected).

In addition, sampling completeness was calculated as the number of samples collected and analyzed, divided by the number of planned locations for sampling.

3.0 RI/FS OVERSIGHT SUMMARY

The following subsections summarize the RI/FS field oversight conducted by Tetra Tech, including any deviations from the EPA-approved PRP project plans.

3.1 Groundwater/Surface Water Interaction Study (PRP Task 3)

Between 8 and 15 December 2010, the PRP conducted the Tier I Evaluation of the Groundwater/Surface Water (GW/SW) Interaction Study. Temporary piezometers were installed at fourteen locations (GW-SW01 through GW-SW14), and the water levels were measured for head differential calculations. Measurements were made from the top of the piezometer riser pipe to the top of the surface water column (DTWout) and to the top of the groundwater within the riser pipe (DTWin). In addition, the distance from the top of the riser pipe to the surface of the sediment bottom was also measured (TDout). Subsequently, groundwater from within the piezometers was sampled, typically for VOCs, SVOCs, dissolved metals, and total metals.

Due to field condition issues with water recovery, various temporary piezometers required installation deeper into the sediment than specified in the procedure. The procedure denoted driving the points to a depth of 3 feet below the surface of the sediment, such that the screened interval would then be 2 to 3 feet below sediment surface (bss). However, the piezometers at about half of the locations were pushed to a deeper interval, with most of these being to 5 feet bss. In addition, sampling was conducted at two locations over multiple (two) days to allow additional time for the water levels to recover. One location, GW-SW04, did not contain sufficient water for all of the analytical parameters and was sampled only for VOCs.

Two samples were split with PRP personnel during the GW/SW Interaction Study. The samples were labeled as "CPS" and then the PRP sample identification number (i.e., CPS-GW-SW11-4-5 and CPS-GW-SW5-1.5-2.5), prior to shipment by Tetra Tech to the laboratory for analysis of Trace Level Target Compound List (TCL) VOCs, TCL SVOCs, Dissolved Target Analyte List (TAL) Metals (including mercury), and Total TAL Metals (including mercury).

3.2 Side Lot Area VOC Investigation (PRP Task 5)

On 17 January 2011, the PRP performed work on the eastern portion of the Side Lot Area. Groundwater was collected from 15 locations in a grid pattern around the SRI Phase I sampling location SRI-SS-8 for VOC analysis. The samples were obtained via manually operated inertial pump (i.e., tubing and check valve) using temporary screens set at approximately 3 to 8 ft bgs. The PRP's laboratory was unable to analyze two of the samples from the Side Lot Area VOC Investigation as the water within the sample bottles froze during sample shipment. These Side Lot Area samples were re-collected on 23 January. Samples from two locations were split with the PRP on 17 January 2011, CPS-SRI-GW-2-3-8 and CPS-SRI-GW-10-3-8, for Trace Level TCL VOC analyses.

3.3 MTBE Investigation (EPA June 23, 2010 Comment #3)

Sampling was performed on 18 January 2011 at groundwater grab location MTBE-1, which is located south of the CPS site, along the eastern property boundary with Madison. Groundwater was collected via check valve and tubing at two of the three planned intervals, 15 to 20 ft bgs and 25 to 30 ft bgs, for analysis of VOCs. Insufficient water conditions were encountered around 10 ft bgs during two separate attempts to permit sampling at this depth interval as per the plan. In addition, bottleware from one of the MTBE location intervals froze during shipment to the laboratory. One split sample was obtained on 18 January 2011, denoted as CPS-MTBE-1-15-20 and analyzed for Trace Level TCL VOCs.

3.4 Direct-Push Groundwater Investigation (Task 1)

On 19 January 2011, the PRP began the downgradient transect sampling to further refine the groundwater plume and evaluate potential contributions from other sources. The base scope of work was to drill utilizing direct-push techniques and sample four intervals at locations on the northern transect (10 to 15 ft bgs, 25 to 30 ft bgs, 40 to 45 ft bgs, and 55 to 60 ft bgs or directly above clay) and five intervals at locations on the central transect (the above four plus 75 to 80 ft bgs or directly above clay). At various locations, insufficient water conditions were encountered to obtain the necessary volume to sample. As possible to accommodate the lower volume of available water for collection and other field conditions, the PRP modified the sample interval depths and/or the procedure for purging and sampling. Work along the northern and central transects continued through 5 February 2011.

Locations where sample depth intervals and/or sampling procedures were altered included the following:

- FFT09-1 (60-65 ft bgs);
- FFT09-3 (59-64-ft bgs);
- FFT09-5 (55-60 ft bgs);
- FFT09-7 (67-72 ft bgs);
- FFT09-8 (65-70 ft bgs);
- FFT09-9 (45-50 ft bgs);
- FFT09-10 (67-72 ft bgs);
- FFT09-11 (69-74 ft bgs); and
- GP-08 (50-55 and 69-74 ft bgs).

No sample was able to be obtained at the following locations due to inadequate yield:

- FFT09-1 (80 ft bgs);
- FFT09-2 (80 ft bgs);
- FFT09-3 (80 ft bgs);
- FFT09-4 (60 and 80 ft bgs);

- FFT09-5 (60 and 80 ft bgs);
- FFT09-6 (60 and 80 ft bgs);
- FFT09-7 (60 ft bgs);
- FFT09-9 (60 ft bgs); and
- FFT09-11 (80 ft bgs).

Near the end of the first portion of this field event, unusually low and high pH values were noted (e.g., a pH of 1.45 for FFT09-8 at 30 ft bgs). The PRP had been performing auto-calibration of the water quality meter every day according to the manufacturer's specifications. On 26 January 2011, an attempt was made to manually calibrate the instrument; however, the meter did not work properly. A replacement water quality meter was then obtained for the second portion of the investigation.

Samples were split between PRP and Tetra Tech personnel during this field event as follows:

- CPS-FFT09-10-67-72 on 19 January 2011 for Trace Level TCL VOCs;
- CPS-FFT09-10-55-60 on 19 January 2011 for Total TAL Metals and Dissolved TAL Metals;
- CPS-FFT09-4-40-45 on 20 January 2011 for Trace Level TCL VOCs, Total TAL Metals and Dissolved TAL Metals;
- CPS-FFT09-8-65-70 on 22 January 2011 for Total TAL Metals and Dissolved TAL Metals;
- CPS-GP-08-25-30 on 23 January 2011 for Trace Level TCL VOCs;
- CPS-FFT09-5-40-45 on 1 February 2011 for Trace Level TCL VOCs, Total TAL Metals and Dissolved TAL Metals; and
- CPS-FFT09-6-40-45 on 3 February 2011 for Trace Level TCL VOCs, Total TAL Metals and Dissolved TAL Metals.

3.5 Expanded PMP Monitoring Event (Task 2)

The Expanded PMP Monitoring Event, which involved collection of groundwater samples from each of the monitoring wells currently sampled during the quarterly Performance Monitoring Program (PMP) events and five additional wells identified by EPA (KA-1D, KA-2S, DW-12, EPA-3 and EPA-2), was conducted by the PRP from 16 through 23 March 2011. A submersible pump was generally used for purging three well volumes (with the pump typically set about 5 feet below the water level) and then for collecting groundwater for total metals and dissolved metals analyses. The VOC sample was collected with a disposable bailer.

Purging and collection activities were modified for select wells as follows:

- For recovery well RS-2A, purging/sampling was performed from the sampling port located by the equalization tank; and
- For KA-1S which had an obstruction in the well, purging/sampling was performed using a peristaltic pump and check valve/tubing with inertial movement (similar to the method utilized when sampling the groundwater transect direct-push locations).

Due to the condition of the wells, the following locations were not sampled: KA-1D (damaged), RW-5 (size restrictions for use of the pump), WCC-15VS (clogged with debris), and WCC-15M (clogged with debris).

Split samples were obtained by Tetra Tech and analyzed by off-site laboratories as shown below:

- CPS-EPA-3 on 16 March 2011 for Trace Level TCL VOCs;
- CPS-KA-2D on 17 March 2011 for Total TAL Metals and Dissolved TAL Metals;
- CPS-KA-7D on 17 March 2011 for Trace Level TCL VOCs, Total TAL Metals and Dissolved TAL Metals; and
- CPS-MI-2A on 23 March 2011 for Trace Level TCL VOCs, Total TAL Metals and Dissolved TAL Metals.

3.6 Groundwater Transect Sampling on the Madison Industries Property (Interim Remedial Measure Assessment Task 2.2)

From 6 to 13 June 2011, the PRP conducted a direct-push groundwater investigation on the Madison property as part of the Interim Remedial Measure (IRM) Assessment. This evaluation was performed to supplement the previous investigations of the CPS plume, specifically as in the vicinity and directly down gradient of the former tank farm source area.

As per the IRM Assessment Work Plan, the direct-push sampling would generally occur at "multiple depths between 10 feet and 75 feet below ground surface" with "five sample depths...planned for each sample location." Based on the amount of water encountered during the field work, the vertical sampling frequency for a majority of the locations was between 10 and 15 feet, with a total of six intervals typically obtained at a location. In localized intervals, there was insufficient water encountered for a sample to be collected.

During the sampling, suspended particulates in the groundwater appeared to react with the acid used for preservation. After discussion with their laboratory, the PRP decided to send unpreserved samples to the laboratory for VOC analysis starting on 7 June. The analytical methodology remained the same; however, the change in preservation methods decreased the holding time for the samples prior to analysis. In order to match the condition of the PRP samples, to the extent possible, Tetra Tech also began sending unpreserved split sample aliquots for laboratory analysis. The following samples were split with the PRP during the Madison Industries property direct-push groundwater investigation:

- CPS-IRM-DP-3-30-32 on 6 June 2011 for Trace Level TCL VOCs;
- CPS-IRM-DP-4-30-32 on 9 June 2011 for Trace Level TCL VOCs;
- CPS-IRM-DP-5-63-65 on 9 June 2011 for Trace Level TCL VOCs;
- CPS-IRM-DP-6-30-32 on 8 June 2011 for Trace Level TCL VOCs; and
- CPS-IRM-DP-8-55-57 on 7 June 2011 for Trace Level TCL VOCs.

3.7 Shallow Soil Sampling throughout the CPS Property (Addendum #1 Task)

On 11 and 12 July 2011, the PRP performed shallow soil sampling around the CPS property to provide additional validated soil data from the CPS former plant area to support the HHRA and BEE. This field work was conducted following Addendum #1 to the April 2010 Revised Phase 2 Field Sampling Plan (PGI, 2011b). Samples were collected from between 0 and 24 inches bgs at 19 shallow soil locations. During the investigation, it was noted that the 18 to 24-inch interval of location SRI-SS-35 contained purple staining, had an "industrial detergent cleaner-like" odor, and had a photoionization detector (PID) reading of 3,904 parts per million (ppm).

Split samples collected during this field event included:

- CPS-SRI-SS-24-0-24 on 11 July 2011 for TCL SVOCs and TAL Metals;
- CPS-SRI-SS-33-0-24 on 12 July 2011 for TCL SVOCs and TAL Metals;
- CPS-SRI-SS-33-18-24 on 12 July 2011 for TCL VOCs; and
- CPS-SRI-SS-35-18-24 on 12 July 2011 for TCL VOCs.

Originally, split sample CPS-SRI-SS-24-12-18 was collected on 11 July 2011 for the TCL VOC fraction. However, due to the potential for a holding time exceedance as a result of shipping schedule issues, the sample was not sent for analysis. Instead, a split sample was collected from location SRI-SS-35, which had elevated instrument readings and visually observed materials.

3.8 Monitoring Well/Piezometer Groundwater Sampling (Interim Remedial Measure Assessment Task 2.1)

The PRP collected additional data to determine the distribution of VOCs in both the shallow (<20 ft bgs) and deeper (>20 ft bgs) portions of the aquifer in the vicinity of and downgradient from the former tank farm source area and the recovery wells. In addition, the water quality was also characterized for evaluation against New Jersey discharge to surface water permit limits. Groundwater sampling was conducted from 19 of the proposed 20 monitoring wells and piezometers (as per the IRM Assessment Work Plan; GWTT et al., 2011) on 11 and 12 July. During the monitoring well/piezometer sampling event, the PRP sampling team was unable to located temporary piezometer TP-3. Therefore, no sample was obtained from this location.

Tetra Tech personnel split the following samples with the PRP during the investigation:

- CPS-CPS-3A on 12 July 2011 for Trace Level TCL VOCs and Total TAL Metals; and
- CPS-WCC-5S on 12 July 2011 for Trace Level TCL VOCs.

As part of the evaluation of the split sample results (see Section 4.0), it was noted that the VOC analytical results for the split samples from locations CPS-3A and WCC-5S appeared to have been misidentified. Likely during either field sampling/labeling or laboratory analysis, the identifications for the VOC fraction from these two wells were not assigned correctly, and the

results should be "switched" as to associated location. This judgment was based on the following:

- Individual constituent concentration levels;
- Groundwater flow direction; and
- Overall pattern of plume contamination.

For example, in the data from CLP Case 41546 - SDG B0006, chlorobenzene was denoted as 1.2 micrograms per liter (ug/L) in "CPS-3A" (CPL Sample ID B0008) and 470 ug/L in "WCC-5S" (CLP Sample ID B0007) However:

- Well CPS-3A is an on-site recovery well, installed hydrogeologically downgradient of the source area. Historically, constituent levels within the groundwater from this well have been relatively elevated (e.g., chlorobenzene greater than 500 ug/L).

- Well WCC-5S is also located on the site; however, the well was installed in the south-southwestern corner, hydrogeologically side gradient of the source area. Historic concentrations from this well have generally been relatively low (e.g., chlorobenzene was detected at 2.6 ug/L in 2005).

The evaluation provided in Section 4.0 utilized the VOC data for the original "CPS-3A" split sample during comparison to the PRP results for location WCC-5S, and the VOC data for the original "WCC-5S" split sample during comparison to the PRP results for location CPS-3A.

3.9 Direct-Push Groundwater Grab Sampling in the Former "Hot Box" AEC-1 Area on the CPS Property (Addendum #2 Task)

Beginning on 13 July 2011 and continuing through 18 July 2011, the PRP performed direct-push groundwater grab sampling in the AEC-1 "Hot Box" area, which entailed collecting two intervals at each location, generally about 4 to 6 feet and 14 to 16 ft bgs, for VOC plus 1,4-dioxane analyses. Product was encountered during sampling of the 4 to 6-foot interval of location 14D-4, and no deeper sample was collected. The screen from the 4 to 6-foot interval showed possible smearing, and a petroleum odor was noted.

Due to reaction of the samples from the direct-push groundwater grab sampling event with the preservative, the PRP decided to send unpreserved samples for VOC analysis. In order to match the condition of the PRP samples, to the extent possible, Tetra Tech also sent unpreserved aliquots for laboratory analysis for the following split samples:

- CPS-SRI-14D-4-4-6 on 13 July 2011 for Trace Level TCL VOC and 1,4-dioxane analyses;
- CPS-SRI-14D-7-14-16 on 13 July 2011 for Trace Level TCL VOC and 1,4-dioxane analyses;
- CPS-SRI-14D-9-4-6 on 14 July 2011 for Trace Level TCL VOC and 1,4-dioxane analyses;
- CPS-SRI-14D-10-14-16 on 14 July 2011 for Trace Level TCL VOC and 1,4-dioxane analyses; and

- CPS-SRI-14D-23-14-16 on 14 July 2011 for Trace Level TCL VOC and 1,4-dioxane analyses.

3.10 Hydraulic Control Assessment (Interim Remedial Measure Assessment Task 3)

The field work consisted of monitoring groundwater levels during operation of the treatment system extraction wells (CPS-3A and WE-2RB). Transducers were placed in surrounding wells/piezometers, and were programmed by the PRP to collect measurements at 1-minute intervals. This rate was modified from the IRM Assessment Work Plan (GWTT et al., 2011) based on the EPA approval notification which requested "the frequency of monitoring for the pressure transducers during the first two hours be not less than every three minutes."

The hydraulic assessment commenced on 12 August 2011 when PRP personnel shut down the well pumps. Tetra Tech was not notified of the start of the testing, and was not able to be on-site during the antecedent/recovery monitoring portion of the task. The antecedent/recovery monitoring was to be 24 hours according to the IRM Assessment Work Plan. As the pumps were turned off on a Friday, and the next portion of the assessment commenced on a Monday, the duration without pumping encompassed approximately 72 hours.

On 15 August 2011, the PRP continued the hydraulic assessment, completing one round of manual water level measurements in on-site wells prior to planning to restart the pumps in recovery wells CPS-3A and WE-2RB. Water levels readings were collected from the following wells: PZ-1 through PZ-9; TP-2; TP-4; TP-5; TP-6; CPS-01; CPS-02; CPS-3A (recovery well); WCC-4S; WCC-5S; WCC-6S; WE-1; WE-2RB (recovery well); and WE-3. Due to high surface water levels from heavy precipitation over the weekend in the low-lying areas around locations TP-1 and TP-3, water level readings were not collected from these piezometers.

Upon restarting the pumps in recovery wells CPS-3A and WE-2RB subsequent to the water level measurements, the PRP observed that the piping from well CPS-3A was leaking, and the pump was again shut down. It was determined that the pumping test could not be properly performed with only one of the recovery well pumps working, and PRP personnel decided to postpone the hydraulic assessment pending inspection and repair of the piping from well CPS-3A.

A temporary line was installed around the leaking portion of the piping from recovery well CPS-3A on 16 August 2011. This work was not observed by Tetra Tech.

On 17 August 2011, the PRP completed a second round of manual water level measurements in the on-site wells prior to pump activation, and water levels readings were collected from the entire list of wells/piezometers: PZ-1 through PZ-9; TP-1 through TP-6; CPS-01; WCC-4S through WCC-6S; WE-1 through WE-3; CPS-3A (recovery well); WE-2RB (recovery well); CPS-02; and WCC-6I. The pumps for recovery wells CPS-3A and WE-2RB were then started.

Subsequent rounds of water level measurements were collected from the entire list of wells/piezometers by the PRP from 17 through 19 August 2011 and on 22 August 2011. Only a portion of these rounds were observed by Tetra Tech.

Approximate flow rates for the recovery wells (provided in gpm) were as shown in the table below:

	CPS-3A	WE-2RB
Morning of 17 August 2011	15.60 to 15.73	13.80 to 13.91
Afternoon of 17 August 2011	15.77 to 15.82	13.96 to 13.99
Morning of 18 August 2011	15.76 to 15.82	13.52 to 13.55
Afternoon of 18 August 2011	15.81	13.45
Morning of 19 August 2011	15.83 to 15.85	13.21 to 13.23
Morning of 22 August 2011	15.87	12.12

The 30-day extended monitoring portion of the hydraulic assessment continued into the middle of September 2011. Depth to water was measured in select site wells via pressure transducers/data loggers. Tetra Tech did not perform oversight of these events.

There were no samples collected by the PRP, and therefore no samples were split by Tetra Tech during the hydraulic control assessment.

3.11 Installation of New Monitoring Wells (Site Characterization Summary Report Recommendation)

As part of the recommendations from the Site Characterization Summary Report, the PRP proposed the installation of four new monitoring wells to supplement the existing sampling locations (PGI, 2012). Between 31 May and 1 June 2012, the PRP conducted construction activities at these new well locations, denoted CPS-6 through CPS-9. CPS-6 and CPS-7 were a well cluster, located along the centerline of the CPS plume immediately downgradient of the former tank farm source area. Well CPS-8 was placed in the former "Hot Box" AEC-1 area to monitor groundwater quality around the identified 1,4-dioxane impacts. The fourth well, CPS-9, was located near direct-push borings GP-1 and GP-2, but outside the radius of the Madison recovery wells, to monitor impacts within this portion of the plume at depths between 25 and 35 ft bgs.

PRP geologists performed soil logging as possible (see below), and installed the four monitoring wells at the intervals outlined in the recommendations (i.e., 15 to 25 ft bgs for CPS-6, 35 to 45 ft bgs for CPS-7, 5 to 15 ft bgs for CPS-8, and 25 to 35 ft bgs for CPS-9). General construction specifications included 10 feet of 2-inch Schedule 40 polyvinyl chloride (PVC) screen with 0.010 slot and 2-inch Schedule 40 PVC riser to 1.5 to 2 feet above ground surface with a steel stick-up outer pipe.

- During installation of wells CPS-6 and CPS-7 using a direct-push drilling rig, problems were encountered with retrieving discreet soil samples as a result of the geologic conditions (i.e., running sands). PRP personnel forwent logging the soil and installed the wells to the pre-approved construction parameters and well screen interval depths.
- The soils at CPS-9 were able to be logged to only approximately 19 ft bgs (although the well was drilled to 35 ft bgs). At this depth, problems were encountered with the tools required for retrieving discreet soil samples due to the geologic conditions.

There were no samples collected by the PRP, and therefore no samples were split by Tetra Tech during the well installation event.

3.12 Sampling of New Monitoring Wells (Site Characterization Summary Report Recommendation)

After installation of the new monitoring wells discussed above in Section 3.11 and as outlined in the "Response to EPA Comments Received by BASF on February 27, 2012, pertaining BASF's February 16, 2012 Response to EPA Comments 77 through 81 regarding the Site Characterization Summary Report submitted by BASF on October 17, 2011, CPS/Madison Superfund Site Supplemental Remedial Investigation" (PGI, 2012), groundwater samples were collected from these four wells along with other wells/piezometers. These activities were conducted as part of a PMP sampling event, which commenced the week of 23 July 2012 without Tetra Tech oversight. On 26 July 2012, Tetra Tech personnel oversaw the PRP performing groundwater sampling at the following ten wells: CPS-1, CPS-6, CPS-7, IRM-PZ4, MI-04, PZ-9, RS-2B, RS-2C, TP-2, and TP-4. The groundwater samples were generally collected using a submersible pump with the exception of the two RS wells, which were sampled directly from a port.

Samples from new wells CPS-6 and CPS-7 were split with PRP personnel during this field event and submitted for laboratory analysis as follows:

- CPS-6 on 26 July 2012 for Trace Level TCL VOCs and 1,4-dioxane; and
- CPS-7 on 26 July 2012 for Trace Level TCL VOCs and 1,4-dioxane.

3.13 Sample Collection to Support Site Redeployment

From 24 to 27 September 2012, additional field work, consisting of soil sample collection from borings advanced with a direct push (Geoprobe®) drill rig and the collection of groundwater samples from temporary piezometers installed at various locations, was performed to support the risk assessment and property redeployment. The supplemental soil and groundwater sampling activities were conducted by the PRP as outlined in the 30 August 2012 letter entitled "Additional sampling program to support site redeployment" and the corresponding 19 September 2012 figure and table (BASF, 2012).

Soil samples were collected from soil borings advanced at 15 locations (SRI-SS-40 through SRI-SS-54) advanced with a direct-push drill rig. Two samples were typically collected from each boring at the 0 to 0.5-foot and 3.5 to 4.0-ft bgs intervals, with the exception of SRI-SS-52,

which had the second sample collected from the 3.0 to 3.5-ft bgs interval due to elevated PID readings. The soil samples were analyzed for VOCs and SVOCs, with select locations and depths also analyzed for polychlorinated biphenyls (PCBs).

Temporary piezometers were installed at 14 locations to assess the potential for vapor intrusion in select locations on the property. All temporary piezometers (SRI-GW-16 through SRI-GW-29) were screened from 3 to 8 ft bgs, and one groundwater sample was collected from each location for VOC analysis.

The following samples were split with the PRP during this field event:

- CPS-SRI-SS-40-A on 25 September 2012 for TCL VOCs, TCL SVOCs (incl. 1,4-dioxane), and TCL PCBs;
- CPS-SRI-SS-46-H on 26 September 2012 for TCL VOCs and TCL SVOCs (incl. 1,4-dioxane);
- CPS-SRI-SS-47-D on 26 September 2012 for TCL VOCs and TCL SVOCs (incl. 1,4-dioxane);
- CPS-SRI-GW-16 on 25 September 2012 for Trace Concentration VOCs; and
- CPS-SRI-GW-18 on 25 September 2012 for Trace Concentration VOCs.

4.0 EVALUATION OF USABILITY OF RI/FS OVERSIGHT DATA

As stated in Section 2.3, the usability of the split sample analytical data acquired during the field investigation is based on the adequacy of the results to fulfill the project-specific QC requirements. Descriptions of the characteristics were provided in Sections 2.3.1 through 2.3.6. The following subsections assess the split sample data obtained during the RI/FS oversight against these quality objective requirements.

The split samples collected during the RI/FS oversight were sent for off-site laboratory analyses to either the EPA Region 2 DESA Laboratory or a CLP laboratory, and underwent data validation by EPA Region 2 DESA personnel. These off-site laboratory samples contained 3,626 separate constituent results.

4.1 Precision

Precision was determined through replicate measurements of the same or identical samples, such as laboratory duplicate and matrix spike duplicate samples. Almost 99.5 percent of the off-site laboratory analytical results (or 3,607 constituent results) were associated with precision samples that were within their prescribed limits. Seven constituent results (or approximately 0.2 percent) had laboratory precision samples slightly outside limits, and were qualified as estimated after validation. Only 0.3 percent (or 12 constituent results) was determined to be unusable due to severe data bias. A majority of these unusable results were for the VOC fraction as a result of calibration factors outside criteria for 1,4-dioxane, which was also analyzed in the SVOC fraction and not deemed unusable during validation of those results.

4.2 Accuracy

Accuracy of the data, or the degree of agreement between a measured result with the accepted true value, was determined through the use of surrogate compounds, internal standard compounds, matrix spike samples, and laboratory control spike samples. The majority of the off-site laboratory analytical runs (3,591 results, or 99.0 percent) had percent recovery measurements within the prescribed method limits. Approximately 0.9 percent (or 32 separate constituents) were estimated following data review based on minor exceedances of the appropriate recovery limits. Due to deuterated monitoring compound recoveries below the expanded lower limit of the criteria window, less than 0.1 percent of the data (or 3 separate constituents) were considered unusable after validation.

4.3 Sensitivity

An evaluation of RLs was part of the original determination of analytical methods during project planning to verify that the sensitivity of the chosen methods was adequate to meet the applicable screening criteria. Analytical methods were selected based on, depending on the analytical fraction, either all or a majority of the constituent RLs being less than applicable comparison criteria values, with special attention paid to the contaminants of potential concern at the site. Comparison of the RLs in the split samples to the PALs provided in QAPP Worksheet #15 (Tetra Tech, 2010a) was performed. A total of 45 (out of 157) and 19 (out of

174) constituents for soil and water matrices, respectively, had a PAL for that matrix type lower than a sample-specific RL.

4.4 Representativeness

During sample collection, field personnel followed the operating procedures outlined in the approved plans (BASF, 2010; GWTT et al., 2011; PGI, 2010a; Tetra Tech, 2010a), with minor deviations as outlined in Section 3.3. These changes were typically discussed and agreed to prior to or during sampling activities. None of these changes necessitated preparation of a Field Change Request (FCR) by Tetra Tech. As a result of the duration of the investigation, a review of the continuing appropriateness of Tetra Tech's oversight plans was performed in May 2012 prior to the start of additional field activities. With the exception of minor changes to personnel information (e.g., the Health and Safety Manager for Tetra Tech required substitution), the plans were deemed sufficient for continued use.

Based on the above, the data are representative of the environmental conditions at the time of sampling at the site.

4.5 Comparability

To increase the degree of comparability between the PRP and split sample data results, the same type of standard environmental method equipment (e.g., gas chromatography/mass spectrometry [GC/MS] for volatile organics) was employed by both the PRP and split sample off-site laboratories.

For the split samples, routine analytical services (RAS) sample analyses available through the CLP were utilized for TCL organics (VOC, SVOC and PCB fractions) and TAL metals. Although four (4) CLP laboratories were used during the investigation, the laboratories' methodologies and analytical procedures are specified in the CLP Statements of Work (SOWs). In addition, select RAS-type samples were analyzed by the EPA Region 2 DESA Laboratory in Edison, New Jersey, using internal laboratory Standard Operating Procedures (SOPs), which are equivalent in underlying methodology to the CLP SOWs. Non-compliance with the applicable SOWs/SOPs occurred infrequently during the off-site laboratory analyses, and a majority of these non-compliances did not qualify the data results and do not affect the usability of the data.

4.6 Completeness

Completeness is determined by the percentage of samples that meet or exceed the criteria objective levels (i.e., the number of usable sample results for the data set). For the RI/FS Oversight split sampling, there were only approximately 0.4 percent of the results considered unusable during the quality review, and thus, almost 99.6 percent of the data were determined to be usable, which surpasses the 90 percent objective for completeness for the field oversight.

5.0 PRESENTATION OF COMPARISON OF RI/FS OVERSIGHT DATA

5.1 Soil Investigation Results

As shown in Table 1, four split samples underwent laboratory analysis, resulting in 490 possible comparison pairs. Detected concentrations were present in both the PRP and split data sets for 68 of these data pairs (or 13.9 percent), and RPD values were calculated for these pairs. The RPDs ranged from 0.0 percent to 197.6 percent. Of the possible 68 data pairs with RPDs, 21 of them (or 30.9 percent) had RPDs less than the 35 percent (metals) and 50 percent (organics) criteria, and are considered to be in agreement. The other 47 data pairs (or 69.1 percent) are considered to have unacceptable RPDs (i.e., greater than 35 or 50 percent), which may be related to soil matrix issues.

For 301 of the 490 possible comparison pairs (or 61.4 percent), analytical constituents were not detected above the RL in both of the sample sets. These pairs did not have RPDs quantitatively calculated; however, the results are considered to be acceptable (i.e., in agreement).

RPDs were also not quantitatively calculated when a constituent was detected in one of the data sets, but was not detected in the other sample set. There were 37 possible pairs of this type (or 7.6 percent). A comparison of the detected concentration to the RL of the other data set indicates 25 of the sample pairs had the detected concentration below the RL of the other set, and are considered to be in agreement. However, in the remaining 12 data pairs, the detected concentrations were greater than RLs, and these comparisons are considered to be "unacceptable."

In addition, there was one set (or 0.2 percent of the 490 possible comparison pairs) that contained an unusable (rejected) concentration after data validation qualified. The remaining 83 possible comparison pairs (or 16.9 percent) were analyzed by only one laboratory (i.e., either the PRP or the split sample testing, and not both).

Overall, for the split sample soil investigation, 70.8 percent (or 347) of the entire 490 data sets were considered to be in agreement and acceptable. If the 83 possible comparison pairs that could not be compared due to only being analyzed in one set are excluded from the total, then the number of acceptable data sets rises to 85.3 percent.

As outlined in Section 2.3.1, for those data pairs where (1) one or both of the data sets had a detected concentration below RLs and/or (2) when one result was reported as a non-detect and the other result was reported above RLs, the AD was calculated and compared to an acceptance criteria of two times the RL. This comparison occurred for 45 data sets, and of these, there were 13 comparison pairs which would change their designation and now be considered "acceptable" after being deemed unacceptable during the RPD comparison. At lower concentrations, the difference between the two data sets is more sensitive to the magnitude of the values (i.e., both the detected concentrations and the corresponding RLs).

If these "now acceptable" results were utilized in the calculation of split sample agreement, the total percentage of acceptable results for the soil investigation would increase to 73.5 percent (or 88.5 percent after exclusion of the "not analyzed in both data sets" pairs).

5.2 Groundwater Investigation Results

There were 34 split samples obtained during the various groundwater investigation tasks, resulting in 2,665 possible comparison pairs for evaluation (see Table 2). RPD values could be calculated for 381 of these data pairs (or 14.3 present), as detected concentrations were present in both the PRP and split sample data sets. The RPDs ranged from 0.0 percent to 164.5 percent. Over 80.3 percent (or 306 pairs) had RPDs less than 20 percent (metals) and 30 percent (organics) for aqueous samples. There were 75 data pairs (or 19.7 percent) that were deemed "unacceptable" with an RPD greater than the 20 or 30 percent criteria.

Analytical constituents were not detected above the RL in both of the sample sets for 1,446 of the possible comparison pairs (or 54.2 percent). These data pairs are considered to be in agreement (i.e., acceptable).

There were 218 data pairs where a constituent was detected in one of the data sets, but was not detected in the other sample set (or 8.2 percent of the 2,665 pairs). Although RPDs were not quantitatively calculated, a qualitative comparison of the detected concentration to the RL of the other data set indicates 176 of the sample pairs had the detected concentration either at or below the RL of the other set (i.e., the results are acceptable and in agreement). "Unacceptable" comparisons were noted for 42 pairs which had the detected concentration greater than the RL of the other set.

Of the remaining possible comparison pairs, 610 (or 22.9 percent) underwent laboratory testing in only one of the two sets, and 10 (or 0.4 percent) were deemed unusable (i.e., rejected) after validation.

Consequently, for the aqueous split samples, 72.3 percent of the possible data pairs were considered to be in agreement. The number of acceptable comparison pairs increases to 93.8 percent, after exclusion from the calculation of those sets that could not be compared due to only being analyzed in one data set.

Additional comparison of the AD was performed for 271 of the data pairs (see Table 2). The AD determination would modify the acceptability of 39 sets. If these pairs were then combined with the comparison pairs in agreement above, the total percentage of acceptable results for aqueous samples would increase to 73.8 percent, and then to 95.7 percent if the 610 pairs that were tested for only in one set are excluded.

6.0 SUMMARY AND CONCLUSIONS

6.1 Execution of RI/FS Activities

Oversight for the RI/FS field activities was performed from December 2010 through September 2012. As noted in Section 3.0, the investigation was conducted in general accordance with the EPA-approved planning documents. Minor deviations were observed by Tetra Tech over the multiple events, and overall, these changes do not appear to impact the efficacy of the RI/FS data set.

6.2 Assessment of Split Sampling

The PRP and split sample data sets are considered to be generally in agreement.

Agreement between the two data sets is illustrated by considering: the number of acceptable RPDs (327); the number of constituents which were undetected in both of the data sets (1,747); and the number of results with the one detected data point being at a concentration lower than the RL of the other data set (201). Therefore, approximately 72.1 percent of the data pairs were considered to be acceptable. If the data pairs that could not be compared due to only being analyzed in one set are excluded from the calculation, the number of acceptable comparison pairs increases to 92.4 percent. A further increase is obtained if the data pairs that were deemed acceptable due to their AD, after being considered unacceptable in the RPD calculation, are substituted, with the total acceptable percentages becoming 73.8 percent (all results) and 94.5 percent (excluding "not analyzed" pairs).

The number of unacceptable results was relatively low (176 out of the 3,155 possible data pairs), and these pairs included 122 RPDs above criteria and 54 sets where the detected concentration was greater than the RL of the other data set. Although the exact source of the unacceptable result comparison is unknown, sample heterogeneity and/or intra-laboratory differences are likely contributing factors.

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FIGURES

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Figure 1
Location of Site and Surroundings

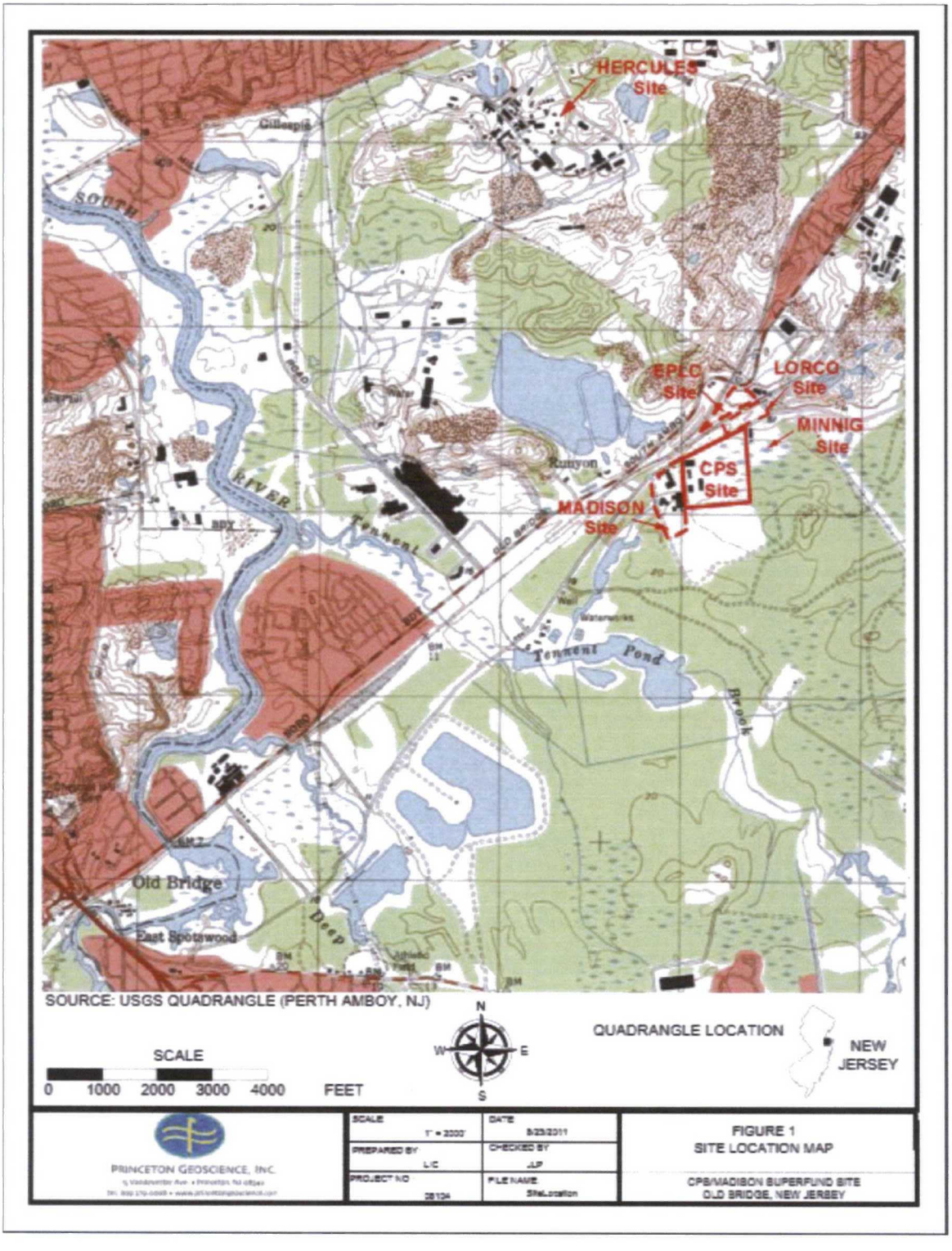

Figure adapted from Figure 1 of January 2013 Remedial Investigation Report (PGI et al., 2013).

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TABLES

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Table 1 (Sheet 1 of 10)
Comparison Evaluation - Soil Samples
Sample SRI-SS-24-0-24

	PRP Sample (mg/kg)	EPA Split (mg/kg)	Relative Percent Difference (RPD)	Absolute Difference (AD)
1,1'-Biphenyl	8	3.2	85.7%	--
1,2,4,5-Tetrachlorobenzene	0.076 U	0.21 U	Both ND	--
1,4-Benzenediamine, N-(1-methylethyl)-N'-phenyl-	NA	0.58 NJ	--	--
1,4-Dioxane	0.11 U	NA	--	--
1-Hexacosanol	NA	0.52 NJ	--	--
2,2'-Oxybis(1-chloropropane)	0.038 U	0.21 U	Both ND	--
2,3,4,6-Tetrachlorophenol	0.076 U	0.21 U	Both ND	--
2,4,5-Trichlorophenol	0.076 U	0.21 U	Both ND	--
2,4,6-Trichlorophenol	0.038 U	0.21 U	Both ND	--
2,4-Dichlorophenol	0.038 U	0.21 U	Both ND	--
2,4-Dimethylphenol	0.076 U	0.21 U	Both ND	--
2,4-Dinitrophenol	0.38 U	0.4 U	Both ND	--
2,4-Dinitrotoluene	0.076 U	0.21 U	Both ND	--
2,6-Dinitrotoluene	0.038 U	0.21 U	Both ND	--
2-Chloronaphthalene	0.038 U	0.21 U	Both ND	--
2-Chlorophenol	0.038 U	0.21 U	Both ND	--
2-Methylnaphthalene	0.038 U	0.21 U	Both ND	--
2-Methylphenol	0.076 U	0.21 U	Both ND	--
2-Nitroaniline	0.038 U	0.4 U	Both ND	--
2-Nitrophenol	0.038 U	0.21 U	Both ND	--
3,3'-Dichlorobenzidine	0.11 U	0.21 U	Both ND	--
3-Nitroaniline	0.076 U	0.4 U	Both ND	--
4,6-Dinitro-2-methylphenol	0.19 U	0.4 U	Both ND	--
4-Bromophenyl-phenylether	0.038 U	0.21 U	Both ND	--
4-Chloro-3-methylphenol	0.076 U	0.21 U	Both ND	--
4-Chloroaniline	0.076 U	0.21 U	Both ND	--
4-Chlorophenyl-phenylether	0.038 U	0.21 U	Both ND	--
4-Methylphenol	0.076 U	0.21 U	Both ND	--
4-Nitroaniline	0.076 U	0.4 U	Both ND	--
4-Nitrophenol	0.19 U	0.4 U	Both ND	--
5-Eicosene, (E)-	NA	2 NJ	--	--
Acenaphthene	0.038 U	0.21 U	Both ND	--
Acenaphthylene	0.038 U	0.21 U	Both ND	--
Acetophenone	0.076 U	0.21 U	Both ND	--
Aluminum	11200 J	9040 J	21.3%	--
Anthracene	0.038 U	0.21 U	Both ND	--
Antimony	0.735 U	6.9 UJ	Both ND	--
Arsenic	3.25	2.3 J	34.2%	--
Atrazine	0.038 U	0.21 U	Both ND	--
Barium	21.2 J	23 UJ	hit < RL	< 2xRL
Benzaldehyde	0.076 U	0.21 U	Both ND	--
Benzidine	1.3 U	NA	--	--
Benzo(a)anthracene	0.038 U	0.21 UJ	Both ND	--
Benzo(a)pyrene	0.038 U	0.21 U	Both ND	--
Benzo(b)fluoranthene	0.038 U	0.21 U	Both ND	--
Benzo(g,h,i)perylene	0.038 U	0.21 U	Both ND	--
Benzo(k)fluoranthene	0.038 U	0.21 U	Both ND	--
Beryllium	0.245	0.13 J	61.3%	< 2xRL
Bis(2-chloroethoxy)methane	0.038 U	0.21 U	Both ND	--
Bis(2-chloroethyl)ether	0.038 U	0.21 U	Both ND	--
Bis(2-ethylhexyl)phthalate	0.099	1	164.0%	--
Butylbenzylphthalate	0.076 U	0.086 J	hit > RL	< 2xRL
Cadmium	0.381	0.57 UJ	hit < RL	< 2xRL
Calcium	1870 J	1700 J	9.5%	--
Caprolactam	0.038 U	0.21 U	Both ND	--
Carbazole	0.038 U	0.21 U	Both ND	--
Chromium	12	12.5 J	4.1%	--
Chrysene	0.038 U	0.21 UJ	Both ND	--
Cobalt	1.9 J	1.7 J	11.1%	--
Copper	22.8	12.8 J	56.2%	--
Dibenzo(a,h)anthracene	0.038 U	0.21 U	Both ND	--
Dibenzofuran	0.038 U	0.21 U	Both ND	--

Table 1 (Sheet 2 of 10)
Comparison Evaluation - Soil Samples
Sample SRI-SS-24-0-24

	PRP Sample (mg/kg)	EPA Split (mg/kg)	Relative Percent Difference (RPD)	Absolute Difference (AD)
Diethylphthalate	0.076 U	0.21 U	Both ND	--
Diisooctyl adipate	NA	0.56 NJ	--	--
Dimethylphthalate	0.076 U	0.21 U	Both ND	--
Di-n-butylphthalate	0.076 U	0.21 U	Both ND	--
Di-n-octylphthalate	0.076 U	0.21 U	Both ND	--
Fluoranthene	0.038 U	0.21 UJ	Both ND	--
Fluorene	0.038 U	0.21 U	Both ND	--
Hexachlorobenzene	0.038 U	0.21 U	Both ND	--
Hexachlorobutadiene	0.076 U	0.21 U	Both ND	--
Hexachlorocyclopentadiene	0.19 U	0.21 U	Both ND	--
Hexachloroethane	0.038 U	0.21 U	Both ND	--
Indeno(1,2,3-cd)pyrene	0.038 U	0.21 U	Both ND	--
Iron	6630 J	4910 J	29.8%	--
Isophorone	0.038 U	0.21 U	Both ND	--
Lead	18.3 J	11.1 J	49.0%	--
Magnesium	1160 J	732 J	45.2%	--
Manganese	41.3 J	22.7 J	58.1%	--
Mercury	0.0076 U	0.0046 J	hit < RL	< 2xRL
Naphthalene	0.2	0.21 U	hit < RL	< 2xRL
Nickel	6.14 J	5.4 J	12.8%	--
Nitrobenzene	0.038 U	0.21 U	Both ND	--
N-Nitroso-di-n-propylamine	0.038 U	0.21 U	Both ND	--
N-Nitrosodiphenylamine	0.038 U	0.21 U	Both ND	--
Pentachlorophenol	0.19 U	0.4 U	Both ND	--
Phenanthrene	0.038 U	0.21 U	Both ND	--
Phenol	0.038 U	0.93	hit > RL	> 2xRL
Phosphoric acid, trioctyl ester	NA	0.85 NJ	--	--
Potassium	812 J	576 J	34.0%	--
Pyrene	0.038 U	0.21 UJ	Both ND	--
Selenium	0.757 U	4 UJ	Both ND	--
Silver	0.0924 U	1.1 U	Both ND	--
Sodium	81	110 J	30.4%	--
Thallium	0.401 U	2.9 UJ	Both ND	--
Total Alkanes	NA	2.3 J	--	--
Unknown-01	NA	0.6 J	--	--
Unknown-02	NA	0.53 J	--	--
Vanadium	23.4	20.9 J	11.3%	--
Zinc	212 J	161 J	27.3%	--

NOTES:

Agreement between the data sets are shaded in light green, including :

- RPD less than 30% [aqueous] or 50% [solid] for organics
- RPD less than 20% [aqueous] or 35% [solid] for metals
- Both results are non-detects
- One detected result value is at or below the RL of the other sample set
- AD less than two times reporting limit

Unacceptable comparisons are shaded in pink, including:

- RPD greater than 30% [aqueous] or 50% [solid] for organics
- RPD greater than 20% [aqueous] or 35% [solid] for metals
- One detected result value is above the RL of the other sample set
- AD greater than two times reporting limit

Table 1 (Sheet 3 of 10)
Comparison Evaluation - Soil Samples
Sample SRI-SS-33-0-24

	PRP Sample (mg/kg)	EPA Split (mg/kg)	Relative Percent Difference (RPD)	Absolute Difference (AD)
1,1,1-Trichloroethane	0.06 U	0.03 U	Both ND	--
1,1,2,2-Tetrachloroethane	0.06 U	0.03 U	Both ND	--
1,1,2-Trichloro-1,2,2-trifluoroethane	0.12 U	0.03 U	Both ND	--
1,1,2-Trichloroethane	0.06 U	0.03 U	Both ND	--
1,1'-Biphenyl	1.5	0.11 J	172.7%	> 2xRL
1,1-Dichloroethane	0.06 U	0.03 U	Both ND	--
1,1-Dichloroethene	0.06 U	0.03 U	Both ND	--
1,2,3-Trichlorobenzene	450 J	2.7	197.6%	--
1,2,4,5-Tetrachlorobenzene	0.1	0.21 U	hit < RL	
1,2,4-Trichlorobenzene	300	6.8	191.1%	--
1,2-Dibromo-3-chloropropane	0.12 U	0.03 U	Both ND	--
1,2-Dibromoethane	0.06 U	0.03 U	Both ND	--
1,2-Dichlorobenzene	10	0.52	180.2%	--
1,2-Dichloroethane	0.06 U	0.03 U	Both ND	--
1,2-Dichloropropane	0.06 U	0.03 U	Both ND	--
1,3-Dichlorobenzene	6	0.28	182.2%	--
1,4-Dichlorobenzene	54	0.73	194.7%	--
1,4-Dioxane	0.12 U	0.6 U	Both ND	--
1,4-Dioxane [VOC Fraction]	4.2 U	NA	--	--
2- Chloropropionic acid, hexadecyl ester	NA	1.4 NJ	--	--
2,2'-Oxybis(1-chloropropane)	0.041 U	0.21 U	Both ND	--
2,3,4,6-Tetrachlorophenol	0.083 U	0.21 U	Both ND	--
2,4,5-Trichlorophenol	0.083 U	0.21 U	Both ND	--
2,4,6-Trichlorophenol	0.041 U	0.21 U	Both ND	--
2,4-Dichlorophenol	0.041 U	0.21 U	Both ND	--
2,4-Dimethylphenol	0.083 U	0.21 U	Both ND	--
2,4-Dinitrophenol	0.41 U	0.4 U	Both ND	--
2,4-Dinitrotoluene	0.083 U	0.21 U	Both ND	--
2,6-Dinitrotoluene	0.041 U	0.21 U	Both ND	--
2-Butanone	0.24 U	0.06 U	Both ND	--
2-Chloronaphthalene	0.041 U	0.21 U	Both ND	--
2-Chlorophenol	0.041 U	0.21 U	Both ND	--
2-Hexanone	0.18 U	0.06 U	Both ND	--
2-Methylnaphthalene	0.067	0.21 U	hit < RL	< 2xRL
2-Methylphenol	0.083 U	0.21 U	Both ND	--
2-Nitroaniline	0.041 U	0.4 U	Both ND	--
2-Nitrophenol	0.041 U	0.21 U	Both ND	--
3,3'-Dichlorobenzidine	0.12 U	0.21 U	Both ND	--
3-Nitroaniline	0.083 U	0.4 U	Both ND	--
4,6-Dinitro-2-methylphenol	0.21 U	0.4 U	Both ND	--
4-Bromophenyl-phenylether	0.041 U	0.21 U	Both ND	--
4-Chloro-3-methylphenol	0.083 U	0.21 U	Both ND	--
4-Chloroaniline	0.083 U	0.21 U	Both ND	--
4-Chlorophenyl-phenylether	0.041 U	0.21 U	Both ND	--
4-Methyl-2-pentanone	0.18 U	0.06 U	Both ND	--
4-Methylphenol	0.083 U	0.21 U	Both ND	--
4-Nitroaniline	0.083 U	0.4 U	Both ND	--
4-Nitrophenol	0.21 U	0.4 U	Both ND	--
Acenaphthene	0.041 U	0.21 U	Both ND	--
Acenaphthylene	0.041 U	0.21 U	Both ND	--
Acetone	0.42 U	0.06 U	Both ND	--
Acetophenone	0.083 U	0.21 U	Both ND	--
Acrolein	1.2 U	NA	--	--
Acrylonitrile	0.24 U	NA	--	--
Aluminum	6550 J	4740 J	32.1%	--
Anthracene	0.041 U	0.21 U	Both ND	--
Antimony	1.01	1.9 J	61.2%	--
Arsenic	5.4	2.9 J	60.2%	--
Atrazine	0.041 U	0.21 U	Both ND	--
Barium	25.5 J	25 UJ	hit > RL	< 2xRL
Benzaldehyde	0.083 U	0.21 U	Both ND	--
Benzenamine, 4-chloro-3-(trifluoromethyl)-	NA	0.016 NJ	--	--

Table 1 (Sheet 4 of 10)
Comparison Evaluation - Soil Samples
Sample SRI-SS-33-0-24

	PRP Sample (mg/kg)	EPA Split (mg/kg)	Relative Percent Difference (RPD)	Absolute Difference (AD)
Benzene	0.11	0.03 U	hit > RL	> 2xRL
Benzene, (1-ethylhexyl)-	NA	1.8 NJ	--	--
Benzene, (1-methylheptyl)-	NA	0.019 NJ	--	--
Benzene, (1-propylpentyl)-	NA	1.4 NJ	--	--
Benzidine	1.5 U	NA	--	--
Benzo(a)anthracene	0.041 U	0.21 UJ	Both ND	--
Benzo(a)pyrene	0.11	0.21 U	hit < RL	< 2xRL
Benzo(b)fluoranthene	0.09	0.21 U	hit < RL	< 2xRL
Benzo(g,h,i)perylene	0.041 U	0.21 U	Both ND	--
Benzo(k)fluoranthene	0.041 U	0.21 U	Both ND	--
Beryllium	0.246	0.28 J	12.9%	--
Bis(2-chloroethoxy)methane	0.041 U	0.21 U	Both ND	--
Bis(2-chloroethyl)ether	0.041 U	0.21 U	Both ND	--
Bis(2-ethylhexyl)phthalate	2.3	0.56	121.7%	--
Bromochloromethane	0.06 U	0.03 U	Both ND	--
Bromodichloromethane	0.06 U	0.03 U	Both ND	--
Bromoform	0.06 U	0.03 U	Both ND	--
Bromomethane	0.12 U	0.025 J	hit < RL	< 2xRL
Butylbenzylphthalate	0.083 U	0.21 U	Both ND	--
Cadmium	0.783	0.62 U	hit > RL	< 2xRL
Calcium	22700 J	31400 J	32.2%	--
Caprolactam	0.041 U	0.21 U	Both ND	--
Carbazole	0.041 U	0.21 U	Both ND	--
Carbon disulfide	0.06 U	0.03 U	Both ND	--
Carbon tetrachloride	0.06 U	0.03 U	Both ND	--
Chlorobenzene	42	0.71	193.4%	--
Chloroethane	0.12 U	0.03 U	Both ND	--
Chloroform	0.06 U	0.03 U	Both ND	--
Chloromethane	0.12 U	0.03 U	Both ND	--
Chromium	38	25.3 J	40.1%	--
Chrysene	4.1	0.49 J	157.3%	--
cis-1,2-Dichloroethene	0.06 U	0.03 U	Both ND	--
cis-1,3-Dichloropropene	0.06 U	0.03 U	Both ND	--
Cobalt	3 J	2.5 J	18.2%	--
Copper	76.9	94.9 J	21.0%	--
Cyclohexane	0.5	0.03 U	hit > RL	> 2xRL
Dibenzo(a,h)anthracene	0.041 U	0.21 U	Both ND	--
Dibenzofuran	0.041 U	0.21 U	Both ND	--
Dibromochloromethane	0.06 U	0.03 U	Both ND	--
Dichlorodifluoromethane	0.12 U	0.03 U	Both ND	--
Diethylphthalate	0.083 U	0.21 U	Both ND	--
Dimethylphthalate	0.083 U	0.21 U	Both ND	--
Di-n-butylphthalate	0.083 U	0.21 U	Both ND	--
Di-n-octylphthalate	0.083 U	0.21 U	Both ND	--
Ethylbenzene	1.9	0.085	182.9%	--
Fluoranthene	0.45	0.21 UJ	hit > RL	< 2xRL
Fluorene	0.11	0.21 U	hit < RL	< 2xRL
Hexachlorobenzene	0.041 U	0.21 U	Both ND	--
Hexachlorobutadiene	0.083 U	0.21 U	Both ND	--
Hexachlorocyclopentadiene	0.21 U	0.21 U	Both ND	--
Hexachloroethane	0.041 U	0.21 U	Both ND	--
Indeno(1,2,3-cd)pyrene	0.041 U	0.21 U	Both ND	--
Iron	15000 J	21700 J	36.5%	--
Isophorone	0.041 U	0.21 U	Both ND	--
Isopropylbenzene	0.12	0.03 U	hit > RL	> 2xRL
Lead	34.1 J	26.9 J	23.6%	--
m,p-Xylene	9.7	0.44	182.6%	--
Magnesium	1850 J	1670 J	10.2%	--
Manganese	79.3 J	70.1 J	12.3%	--
Mercury	0.902	6.2 J	149.2%	--
Methyl acetate	0.71	0.03 U	hit > RL	> 2xRL
Methyl tert-butyl ether	0.03 U	0.03 U	Both ND	--

Table 1 (Sheet 5 of 10)
Comparison Evaluation - Soil Samples
Sample SRI-SS-33-0-24

	PRP Sample (mg/kg)	EPA Split (mg/kg)	Relative Percent Difference (RPD)	Absolute Difference (AD)
Methylcyclohexane	1.2	0.032	189.6%	--
Methylene chloride	0.12 U	0.03 U	Both ND	--
Naphthalene	0.091	0.21 U	hit < RL	< 2xRL
Nickel	18.4 J	12.3 J	39.7%	--
Nitrobenzene	0.041 U	0.21 U	Both ND	--
N-Nitroso-di-n-propylamine	0.041 U	0.21 U	Both ND	--
N-Nitrosodiphenylamine	0.041 U	0.21 U	Both ND	--
o-Terphenyl	NA	2 NJ	--	--
o-Xylene	3.4	0.14	184.2%	--
p-Dicyclohexylbenzene	NA	7.3 NJ	--	--
Pentachlorophenol	0.21 U	0.4 U	Both ND	--
Phenanthrene	0.28	0.21 U	hit > RL	< 2xRL
Phenol	0.041 U	0.46	hit > RL	> 2xRL
Phosphoric acid, trioctyl ester	NA	0.7 NJ	--	--
Potassium	605 J	365 J	49.5%	--
Pyrene	0.11	0.21 UJ	hit < RL	< 2xRL
Selenium	0.832 U	0.27 J	hit < RL	< 2xRL
Silver	0.102 U	1.5 J	hit > RL	> 2xRL
Sodium	230	193 J	17.5%	--
Styrene	0.06 U	0.03 U	Both ND	--
t-Butyl Alcohol	1.2 U	NA	--	--
Tetrachloroethene	0.06 U	0.03 U	Both ND	--
Thallium	1.32	3.1 UJ	hit < RL	< 2xRL
Toluene	0.96	0.028 J	188.7%	--
Total Alkanes	NA	0.98 J	--	--
trans-1,2-Dichloroethene	0.06 U	0.03 U	Both ND	--
trans-1,3-Dichloropropene	0.06 U	0.03 U	Both ND	--
Trichloroethene	0.06 U	0.03 U	Both ND	--
Trichlorofluoromethane	0.12 U	0.03 U	Both ND	--
Unknown-01	NA	3.9 J	--	--
Unknown-01	NA	0.017 J	--	--
Unknown-01	NA	5.5 J	--	--
Unknown-02	NA	0.81 J	--	--
Unknown-02	NA	0.019 J	--	--
Unknown-02	NA	2 J	--	--
Unknown-03	NA	1.5 J	--	--
Unknown-03	NA	0.018 J	--	--
Unknown-04	NA	0.72 J	--	--
Unknown-04	NA	0.13 J	--	--
Unknown-05	NA	1.3 J	--	--
Unknown-06	NA	1.4 J	--	--
Unknown-07	NA	2.2 J	--	--
Unknown-08	NA	1.2 J	--	--
Unknown-09	NA	5.6 J	--	--
Unknown-10	NA	0.84 J	--	--
Unknown-11	NA	0.91 J	--	--
Vanadium	32.8	26.6 J	20.9%	--
Vinyl chloride	0.06 U	0.03 U	Both ND	--
Zinc	216 J	339 J	44.3%	--

NOTES:

Agreement between the data sets are shaded in light green, including :

- RPD less than 30% [aqueous] or 50% [solid] for organics
- RPD less than 20% [aqueous] or 35% [solid] for metals
- Both results are non-detects
- One detected result value is at or below the RL of the other sample set
- AD less than two times reporting limit

Unacceptable comparisons are shaded in pink, including:

- RPD greater than 30% [aqueous] or 50% [solid] for organics
- RPD greater than 20% [aqueous] or 35% [solid] for metals
- One detected result value is above the RL of the other sample set
- AD greater than two times reporting limit

Table 1 (Sheet 6 of 10)
Comparison Evaluation - Soil Samples
Sample SRI-SS-35-0-24

	PRP Sample (mg/kg)	EPA Split (mg/kg)	Relative Percent Difference (RPD)	Absolute Difference (AD)
1,1,1-Trichloroethane	0.58 UJ	0.028 U	Both ND	--
1,1,2,2-Tetrachloroethane	0.58 UJ	0.028 U	Both ND	--
1,1,2-Trichloro-1,2,2-trifluoroethane	1.2 UJ	0.028 U	Both ND	--
1,1,2-Trichloroethane	0.58 UJ	0.028 U	Both ND	--
1,1-Dichloroethane	0.58 UJ	0.028 U	Both ND	--
1,1-Dichloroethene	0.58 UJ	0.028 U	Both ND	--
1,2,3-Trichlorobenzene	49 J	4.6	165.7%	--
1,2,4-Trichlorobenzene	410	24	177.9%	--
1,2-Dibromo-3-chloropropane	1.2 UJ	0.028 U	Both ND	--
1,2-Dibromoethane	0.58 UJ	0.028 U	Both ND	--
1,2-Dichlorobenzene	73 J	5.2	173.4%	--
1,2-Dichloroethane	0.58 UJ	0.028 U	Both ND	--
1,2-Dichloropropane	0.58 UJ	0.028 U	Both ND	--
1,3-Dichlorobenzene	0.68 J	0.3	77.6%	--
1,4-Dichlorobenzene	2.8 J	1.1	87.2%	--
1,4-Dioxane	41 UJ	0.57 U	Both ND	--
2-Butanone	2.3 UJ	0.057 U	Both ND	--
2-Hexanone	1.8 UJ	0.057 U	Both ND	--
4-Methyl-2-pentanone	1.8 UJ	0.057 U	Both ND	--
Acetone	4.1 UJ	0.057 U	Both ND	--
Acrolein	12 UJ	NA	--	--
Acrylonitrile	2.3 UJ	NA	--	--
Benzene	0.29 UJ	0.028 U	Both ND	--
Bromochloromethane	0.58 UJ	0.028 U	Both ND	--
Bromodichloromethane	0.58 UJ	0.028 U	Both ND	--
Bromoform	0.58 UJ	0.028 U	Both ND	--
Bromomethane	1.2 UJ	0.012 J	hit < RL	< 2xRL
Carbon disulfide	0.58 UJ	0.028 U	Both ND	--
Carbon tetrachloride	0.58 UJ	0.028 U	Both ND	--
Chlorobenzene	0.58 UJ	0.1	hit < RL	< 2xRL
Chloroethane	1.2 UJ	0.028 U	Both ND	--
Chloroform	0.58 UJ	0.028 U	Both ND	--
Chloromethane	1.2 UJ	0.028 U	Both ND	--
cis-1,2-Dichloroethene	0.58 UJ	0.028 U	Both ND	--
cis-1,3-Dichloropropene	0.58 UJ	0.028 U	Both ND	--
Cyclohexane	53 J	3.8 J	173.2%	--
Dibromochloromethane	0.58 UJ	0.028 U	Both ND	--
Dichlorodifluoromethane	1.2 UJ	0.028 U	Both ND	--
Ethylbenzene	1.7 J	0.76	76.4%	--
Isopropylbenzene	0.58 UJ	0.031	hit < RL	< 2xRL
m,p-Xylene	13 J	4.6 J	95.5%	--
Methyl acetate	1.2 UJ	0.028 U	Both ND	--
Methyl tert-butyl ether	0.29 UJ	0.028 U	Both ND	--
Methylcyclohexane	210	7.1	186.9%	--
Methylene chloride	1.2 UJ	0.028 U	Both ND	--
o-Xylene	2.3 J	1.2 J	62.9%	--
Pentane, 2,3-dimethyl-	NA	0.2 NJ	--	--
Styrene	0.58 UJ	0.028 U	Both ND	--
t-Butyl Alcohol	12 UJ	NA	--	--
Tetrachloroethene	0.58 UJ	0.016 J	hit < RL	< 2xRL
Toluene	130 J	3.3	190.1%	--
trans-1,2-Dichloroethene	0.58 UJ	0.028 U	Both ND	--
trans-1,3-Dichloropropene	0.58 UJ	0.028 U	Both ND	--
Trichloroethene	0.58 UJ	0.028 U	Both ND	--
Trichlorofluoromethane	1.2 UJ	0.028 U	Both ND	--
Unknown-01	NA	0.68 J	--	--
Unknown-01	NA	16 J	--	--
Unknown-02	NA	0.18 J	--	--
Unknown-02	NA	3.3 J	--	--
Unknown-03	NA	0.2 J	--	--
Unknown-04	NA	0.79 J	--	--
Unknown-05	NA	0.14 J	--	--

Table 1 (Sheet 7 of 10)
Comparison Evaluation - Soil Samples
Sample SRI-SS-35-0-24

	PRP Sample (mg/kg)	EPA Split (mg/kg)	Relative Percent Difference (RPD)	Absolute Difference (AD)
Unknown-06	NA	0.2 J	--	--
Unknown-07	NA	0.22 J	--	--
Unknown-08	NA	0.33 J	--	--
Vinyl chloride	0.58 UJ	0.028 U	Both ND	--

NOTES:

Agreement between the data sets are shaded in light green, including :

- RPD less than 30% [aqueous] or 50% [solid] for organics
- RPD less than 20% [aqueous] or 35% [solid] for metals
- Both results are non-detects
- One detected result value is at or below the RL of the other sample set
- AD less than two times reporting limit

Unacceptable comparisons are shaded in pink, including:

- RPD greater than 30% [aqueous] or 50% [solid] for organics
- RPD greater than 20% [aqueous] or 35% [solid] for metals
- One detected result value is above the RL of the other sample set
- AD greater than two times reporting limit

Table 1 (Sheet 8 of 10)
Comparison Evaluation - Soil Samples
Sample SRI-SS-40-A-092512

	PRP Sample (mg/kg)	EPA Split (mg/kg)	Relative Percent Difference (RPD)	Absolute Difference (AD)
1,1,1-Trichloroethane	0.001 U	0.0054 U	Both ND	--
1,1,2,2-Tetrachloroethane	0.001 U	0.0054 U	Both ND	--
1,1,2-Trichloro-1,2,2-trifluoroethane	0.002 U	0.0054 U	Both ND	--
1,1,2-Trichloroethane	0.001 U	0.0054 U	Both ND	--
1,1'-Biphenyl	0.091 U	0.18 U	Both ND	--
1,1-Dichloroethane	0.001 U	0.0054 U	Both ND	--
1,1-Dichloroethene	0.001 U	0.0054 U	Both ND	--
1,2,3-Trichlorobenzene	0.001 U	0.0054 U	Both ND	--
1,2,4,5-Tetrachlorobenzene	0.091 U	0.18 U	Both ND	--
1,2,4-Trichlorobenzene	0.001 U	0.0054 U	Both ND	--
1,2-Dibromo-3-chloropropane	0.002 U	0.0054 U	Both ND	--
1,2-Dibromoethane	0.001 U	0.0054 U	Both ND	--
1,2-Dichlorobenzene	0.001 U	0.0054 U	Both ND	--
1,2-Dichloroethane	0.001 U	0.0054 U	Both ND	--
1,2-Dichloropropane	0.001 U	0.0054 U	Both ND	--
1,3-Dichlorobenzene	0.001 U	0.0054 U	Both ND	--
1,4-Dichlorobenzene	0.001 U	0.0054 U	Both ND	--
1,4-Dioxane [VOC Fraction]	0.074 U	0.11 R	R	--
1,4-Dioxane	0.55 U	0.073 U	Both ND	--
1R-.alpha.-Pinene	NA	0.21 JN	--	--
2,2'-Oxybis(1-chloropropane)	0.091 U	0.18 U	Both ND	--
2,3,4,6-Tetrachlorophenol	0.37 U	0.18 U	Both ND	--
2,4,5-Trichlorophenol	0.091 U	0.18 U	Both ND	--
2,4,6-Trichlorophenol	0.091 U	0.18 U	Both ND	--
2,4-Dichlorophenol	0.091 U	0.18 U	Both ND	--
2,4-Dimethylphenol	0.091 U	0.18 U	Both ND	--
2,4-Dinitrophenol	1.6 U	0.36 U	Both ND	--
2,4-Dinitrotoluene	0.37 U	0.18 U	Both ND	--
2,6,10,14,18,22-Tetracosahexaene, 2,6,1	NA	0.18 JN	--	--
2,6-Dinitrotoluene	0.091 U	0.18 U	Both ND	--
2-Butanone	0.004 U	0.011 U	Both ND	--
2-Chloronaphthalene	0.038 U	0.18 U	Both ND	--
2-Chlorophenol	0.091 U	0.18 U	Both ND	--
2-Hexanone	0.003 U	0.011 U	Both ND	--
2-Methylnaphthalene	0.018 U	0.18 U	Both ND	--
2-Methylphenol	0.091 U	0.18 U	Both ND	--
2-Nitroaniline	0.091 U	0.36 U	Both ND	--
2-Nitrophenol	0.091 U	0.18 U	Both ND	--
3,3'-Dichlorobenzidine	0.55 U	0.18 U	Both ND	--
3-Nitroaniline	0.37 U	0.36 U	Both ND	--
3-Penten-2-one, 4-methyl-	NA	0.16 JN	--	--
4,6-Dinitro-2-methylphenol	0.91 U	0.36 U	Both ND	--
4-Bromophenyl-phenylether	0.091 U	0.18 U	Both ND	--
4-Chloro-3-methylphenol	0.091 U	0.18 U	Both ND	--
4-Chloroaniline	0.091 U	0.18 U	Both ND	--
4-Chlorophenyl-phenylether	0.091 U	0.18 U	Both ND	--
4-Methyl-2-pentanone	0.003 U	0.011 U	Both ND	--
4-Methylphenol	0.091 U	0.18 U	Both ND	--
4-Nitroaniline	0.37 U	0.36 U	Both ND	--
4-Nitrophenol	0.91 U	0.36 U	Both ND	--
9-Octadecenamide, (Z)-	NA	2 JNB	--	--
Acenaphthene	0.018 U	0.18 U	Both ND	--
Acenaphthylene	0.018 U	0.18 U	Both ND	--
Acetone	0.016	0.0075 J	72.3%	< 2xRL
Acetophenone	0.091 U	0.18 U	Both ND	--
Acrolein	0.021 U	NA	--	--
Acrylonitrile	0.004 U	NA	--	--
Anthracene	0.018 U	0.18 U	Both ND	--
Aroclor-1016	0.0039 U	0.036 U	Both ND	--
Aroclor-1221	0.005 U	0.036 U	Both ND	--
Aroclor-1232	0.0087 U	0.036 U	Both ND	--
Aroclor-1242	0.0036 U	0.036 U	Both ND	--

Table 1 (Sheet 9 of 10)
Comparison Evaluation - Soil Samples
Sample SRI-SS-40-A-092512

	PRP Sample (mg/kg)	EPA Split (mg/kg)	Relative Percent Difference (RPD)	Absolute Difference (AD)
Aroclor-1248	0.0036 U	0.036 U	Both ND	--
Aroclor-1254	0.0036 U	0.036 U	Both ND	--
Aroclor-1260	NA	0.036 U	--	--
Aroclor-1262	NA	0.036 U	--	--
Aroclor-1268	NA	0.036 U	--	--
Atrazine	0.18 U	0.18 U	Both ND	--
Benzaldehyde	0.37 U	0.012 J	hit < RL	< 2xRL
Benzene	0.0005 U	0.0054 U	Both ND	--
Benzidine	3.8 U	NA	--	--
Benzo(a)anthracene	0.043	0.022 J	64.6%	< 2xRL
Benzo(a)pyrene	0.048	0.026 J	59.5%	< 2xRL
Benzo(b)fluoranthene	0.12	0.055 J	74.3%	< 2xRL
Benzo(g,h,i)perylene	0.047	0.18 U	hit < RL	< 2xRL
Benzo(k)fluoranthene	0.07	0.019 J	114.6%	< 2xRL
Bis(2-chloroethoxy)methane	0.091 U	0.18 U	Both ND	--
Bis(2-chloroethyl)ether	0.091 U	0.18 U	Both ND	--
Bis(2-ethylhexyl)phthalate	0.37 U	0.18 U	Both ND	--
Bromochloromethane	0.001 U	0.0054 U	Both ND	--
Bromodichloromethane	0.001 U	0.0054 U	Both ND	--
Bromoform	0.001 U	0.0054 U	Both ND	--
Bromomethane	0.002 U	0.0054 U	Both ND	--
Butanoic acid, butyl ester	NA	0.083 JN	--	--
Butylbenzylphthalate	0.37 U	0.012 J	hit < RL	< 2xRL
Caprolactam	0.18 U	0.18 U	Both ND	--
Carbazole	0.091 U	0.18 U	Both ND	--
Carbon disulfide	0.001 U	0.0054 U	Both ND	--
Carbon tetrachloride	0.001 U	0.0054 U	Both ND	--
Chlorobenzene	0.001 U	0.0054 U	Both ND	--
Chloroethane	0.002 U	0.0054 U	Both ND	--
Chloroform	0.001 U	0.0054 U	Both ND	--
Chloromethane	0.002 U	0.0054 U	Both ND	--
Chrysene	NA	0.036 J	--	--
cis-1,2-Dichloroethene	0.001 U	0.0054 U	Both ND	--
cis-1,3-Dichloropropene	0.001 U	0.0054 U	Both ND	--
Cyclohexane	0.001 U	0.00046 J	hit < RL	< 2xRL
Cyclopentasiloxane, decamethyl-	NA	0.11 JN	--	--
Cyclotetrasiloxane, octamethyl-	NA	0.087 JN	--	--
Dibenzo(a,h)anthracene	0.018 U	0.18 U	Both ND	--
Dibenzofuran	0.091 U	0.18 U	Both ND	--
Dibromochloromethane	0.001 U	0.0054 U	Both ND	--
Dichlorodifluoromethane	0.002 U	0.0054 U	Both ND	--
Diethylphthalate	0.37 U	0.009 J	hit < RL	< 2xRL
Dimethylphthalate	0.37 U	0.18 U	Both ND	--
Di-n-butylphthalate	0.37 U	0.18 U	Both ND	--
Di-n-octylphthalate	0.37 U	0.18 U	Both ND	--
Ethylbenzene	0.001 U	0.0054 U	Both ND	--
Fluoranthene	0.13	0.035 J	115.2%	< 2xRL
Fluorene	0.018 U	0.18 U	Both ND	--
Hexachlorobenzene	0.018 U	0.18 U	Both ND	--
Hexachlorobutadiene	0.091 U	0.18 U	Both ND	--
Hexachlorocyclopentadiene	0.91 U	0.18 U	Both ND	--
Hexachloroethane	0.18 U	0.18 U	Both ND	--
Indeno(1,2,3-cd)pyrene	0.048	0.025 J	63.0%	< 2xRL
Isophorone	0.091 U	0.18 U	Both ND	--
Isopropylbenzene	0.001 U	0.0054 U	Both ND	--
m,p-Xylene	0.001 U	0.0054 U	Both ND	--
Methyl acetate	0.002 U	0.0054 U	Both ND	--
Methyl tert-butyl ether	0.0005 U	0.0054 U	Both ND	--
Methylcyclohexane	0.001 U	0.0054 U	Both ND	--
Methylene chloride	0.002 U	0.0014 J	hit < RL	< 2xRL
Naphthalene	0.018 U	0.18 U	Both ND	--
Nitrobenzene	0.091 U	0.18 U	Both ND	--

Table 1 (Sheet 10 of 10)
Comparison Evaluation - Soil Samples
Sample SRI-SS-40-A-092512

	PRP Sample (mg/kg)	EPA Split (mg/kg)	Relative Percent Difference (RPD)	Absolute Difference (AD)
N-Nitroso-di-n-propylamine	0.091 U	0.18 U	Both ND	--
N-Nitrosodiphenylamine	0.091 U	0.18 U	Both ND	--
o-Xylene	0.001 U	0.0054 U	Both ND	--
Pentachlorophenol	0.18 U	0.36 U	Both ND	--
Phenanthrene	NA	0.0097 J	--	--
Phenol	0.091 U	0.18 U	Both ND	--
Pyrene	NA	0.03 J	--	--
Styrene	0.001 U	0.0054 U	Both ND	--
t-Butyl Alcohol	0.021 U	NA	--	--
Tetrachloroethene	0.001 U	0.0054 U	Both ND	--
Tetradecanamide	NA	0.11 JN	--	--
Toluene	0.001 U	0.00019 J	hit < RL	< 2xRL
Total Alkanes	NA	6.1 J	--	--
trans-1,2-Dichloroethene	0.001 U	0.0054 U	Both ND	--
trans-1,3-Dichloropropene	0.001 U	0.0054 U	Both ND	--
Tributyl phosphate	NA	0.73 JN	--	--
Trichloroethene	0.001 U	0.0054 U	Both ND	--
Trichlorofluoromethane	0.002 U	0.0054 U	Both ND	--
Unknown 2-Nonanone	NA	0.82 J	--	--
Unknown 2-Pentanone, 4-hydroxy-	NA	3.1 JB	--	--
Unknown 2-Pentanone, 4-hydroxy-4-met	NA	120 JB	--	--
Unknown 2-Propanone, 1-chloro-	NA	0.24 J	--	--
Unknown 3-Buten-2-one, 3-methyl-	NA	0.096 J	--	--
Unknown 3-Octanol	NA	0.078 J	--	--
Unknown Propane, 2,2-dimethoxy-	NA	0.81 JB	--	--
Unknown Propane, 2,2-dimethoxy-	NA	0.31 JB	--	--
Vinyl chloride	0.001 U	0.0054 U	Both ND	--

NOTES:

Agreement between the data sets are shaded in light green, including :

- RPD less than 30% [aqueous] or 50% [solid] for organics
- RPD less than 20% [aqueous] or 35% [solid] for metals
- Both results are non-detects
- One detected result value is at or below the RL of the other sample set
- AD less than two times reporting limit

Unacceptable comparisons are shaded in pink, including:

- RPD greater than 30% [aqueous] or 50% [solid] for organics
- RPD greater than 20% [aqueous] or 35% [solid] for metals
- One detected result value is above the RL of the other sample set
- AD greater than two times reporting limit

Table 2 (Sheet 1 of 69)
Comparison Evaluation - Aqueous Samples
Sample GW-SW5-1.5-2.5

	PRP Sample (ug/L)	EPA Split (ug/L)	Relative Percent Difference (RPD)	Absolute Difference (AD)
1,1,1-Trichloroethane	0.1 U	0.5 U	Both ND	--
1,1,2,2-Tetrachloroethane	0.2	0.5 U	hit < RL	< 2xRL
1,1,2-Trichloro-1,2,2-trifluoroethane	NA	0.5 U	--	--
1,1,2-Trichloroethane	0.1 U	0.5 UJ	Both ND	--
1,1'-Biphenyl	0.2	5 U	hit < RL	< 2xRL
1,1-Dichloroethane	0.1 U	0.5 U	Both ND	--
1,1-Dichloroethene	1	0.5 U	hit > RL	< 2xRL
1,2,3-Trichlorobenzene	NA	1.4	--	--
1,2,4,5-Tetrachlorobenzene	NA	5 U	--	--
1,2,4-Trichlorobenzene	17	12	34.5%	--
1,2-Dibromo-3-chloropropane	0.0097 U	0.5 U	Both ND	--
1,2-Dibromoethane	0.0097 U	0.5 U	Both ND	--
1,2-Dichlorobenzene	3.4	2.1	47.3%	--
1,2-Dichloroethane	1.5	0.5 U	hit > RL	= 2xRL
1,2-Dichloropropane	0.1 U	0.5 U	Both ND	--
1,3-Dichlorobenzene	1.6	0.79	67.8%	--
1,4-Dichlorobenzene	1.5	0.87	53.2%	--
1,4-Dioxane	4	NA	--	--
2,2'-Oxybis(1-chloropropane)	0.1 U	5 U	Both ND	--
2,3,4,6-Tetrachlorophenol	NA	5 U	--	--
2,4,5-Trichlorophenol	0.2 U	5 U	Both ND	--
2,4,6-Trichlorophenol	0.2 U	5 U	Both ND	--
2,4-Dichlorophenol	0.5 U	5 U	Both ND	--
2,4-Dimethylphenol	0.5 U	5 U	Both ND	--
2,4-Dinitrophenol	2 U	10 U	Both ND	--
2,4-Dinitrotoluene	0.1 U	5 U	Both ND	--
2,6-Dinitrotoluene	0.1 U	5 U	Both ND	--
2-Butanone	1 U	5 U	Both ND	--
2-Chloronaphthalene	NA	5 U	--	--
2-Chlorophenol	0.1 U	5 U	Both ND	--
2-Hexanone	NA	5 U	--	--
2-Methylnaphthalene	0.05 U	5 U	Both ND	--
2-Methylphenol	0.1 U	5 U	Both ND	--
2-Nitroaniline	0.2 U	10 U	Both ND	--
2-Nitrophenol	NA	5 U	--	--
3,3'-Dichlorobenzidine	1 U	5 U	Both ND	--
3-Nitroaniline	NA	10 U	--	--
4,6-Dinitro-2-methylphenol	2 U	10 U	Both ND	--
4-Bromophenyl-phenylether	NA	5 U	--	--
4-Chloro-3-methylphenol	0.5 U	5 U	Both ND	--
4-Chloroaniline	NA	5 U	--	--
4-Chlorophenyl-phenylether	NA	5 U	--	--
4-Methyl-2-pentanone	1 U	5 U	Both ND	--
4-Methylphenol	0.2 U	5 U	Both ND	--
4-Nitroaniline	NA	10 U	--	--
4-Nitrophenol	NA	10 U	--	--
Acenaphthene	0.05 U	5 U	Both ND	--
Acenaphthylene	0.05 U	5 U	Both ND	--
Acetone	11	14	24.0%	--
Acetophenone	0.1 U	5 U	Both ND	--
Acrolein	4 U	NA	--	--
Acrylonitrile	1 U	NA	--	--
Aluminum	7110	6380	10.8%	--
Aluminum [dissolved]	6980	6130	13.0%	--
Anthracene	0.05 U	5 U	Both ND	--
Antimony	10 U	60 U	Both ND	--
Antimony [dissolved]	10 U	60 U	Both ND	--
Arsenic	9.8 U	5.1 J	hit < RL	< 2xRL
Arsenic [dissolved]	9.8 U	6.2 J	hit < RL	< 2xRL
Atrazine	NA	5 U	--	--
Barium	44.9 J	39.3 J	13.3%	--
Barium [dissolved]	45.3	38.3 J	16.7%	--

Table 2 (Sheet 2 of 69)
Comparison Evaluation - Aqueous Samples
Sample GW-SW5-1.5-2.5

	PRP Sample (ug/L)	EPA Split (ug/L)	Relative Percent Difference (RPD)	Absolute Difference (AD)
Benzaldehyde	0.5 U	5 U	Both ND	--
Benzene	0.9	0.59	41.6%	--
Benzidine	11 U	NA	--	--
Benzo(a)anthracene	0.05 U	5 U	Both ND	--
Benzo(a)pyrene	0.05 U	5 U	Both ND	--
Benzo(b)fluoranthene	0.05 U	5 U	Both ND	--
Benzo(g,h,i)perylene	0.05 U	5 U	Both ND	--
Benzo(k)fluoranthene	0.05 U	5 U	Both ND	--
Beryllium	6.2	4.5 J	31.8%	< 2xRL
Beryllium [dissolved]	6.3	4.3 J	37.7%	< 2xRL
Bis(2-chloroethoxy)methane	NA	5 U	--	--
Bis(2-chloroethyl)ether	0.2	5 U	hit < RL	< 2xRL
Bis(2-ethylhexyl)phthalate	1 U	5 U	Both ND	--
Bromochloromethane	NA	0.5 U	--	--
Bromodichloromethane	0.1 U	0.5 U	Both ND	--
Bromoform	0.1 U	0.5 U	Both ND	--
Bromomethane	0.1 U	0.5 U	Both ND	--
Butylbenzylphthalate	0.2 U	5 U	Both ND	--
Cadmium	2 U	5 U	Both ND	--
Cadmium [dissolved]	2 U	5 U	Both ND	--
Calcium	10300	9560	7.5%	--
Calcium [dissolved]	10300 J	9260	10.6%	--
Caprolactam	1 U	5 U	Both ND	--
Carbazole	0.1 U	5 U	Both ND	--
Carbon disulfide	0.4 U	0.5 U	Both ND	--
Carbon tetrachloride	0.1 U	0.5 U	Both ND	--
Chlorobenzene	2.4	1.3	59.5%	--
Chloroethane	0.1 U	0.5 U	Both ND	--
Chloroform	0.2 U	0.5 U	Both ND	--
Chloromethane	0.2 U	0.5 U	Both ND	--
Chromium	3.8	3 J	23.5%	< 2xRL
Chromium [dissolved]	3.4	2.4 J	34.5%	< 2xRL
Chrysene	0.05 U	5 U	Both ND	--
cis-1,2-Dichloroethene	0.5	0.25 J	66.7%	< 2xRL
cis-1,3-Dichloropropene	0.1 U	0.5 UJ	Both ND	--
Cobalt	58.4	62	6.0%	--
Cobalt [dissolved]	59.2	60.8	2.7%	--
Copper	2.7 U	25 U	Both ND	--
Copper [dissolved]	2.7 U	25 U	Both ND	--
Cyclohexane	NA	0.5 U	--	--
Dibenzo(a,h)anthracene	0.05 U	5 U	Both ND	--
Dibenzofuran	NA	5 U	--	--
Dibromochloromethane	0.1 U	0.5 U	Both ND	--
Dichlorodifluoromethane	0.1 U	0.5 U	Both ND	--
Diethylphthalate	0.2 U	5 U	Both ND	--
Dimethylphthalate	0.2 U	5 U	Both ND	--
Di-n-butylphthalate	0.2 U	5 U	Both ND	--
Di-n-octylphthalate	0.5 U	5 U	Both ND	--
Ethylbenzene	0.1	0.5 U	hit < RL	< 2xRL
Fluoranthene	0.05 U	5 U	Both ND	--
Fluorene	0.05 U	5 U	Both ND	--
Hexachlorobenzene	0.05 U	5 U	Both ND	--
Hexachlorobutadiene	0.1 U	5 U	Both ND	--
Hexachlorocyclopentadiene	1 U	5 U	Both ND	--
Hexachloroethane	0.1 U	5 U	Both ND	--
Indeno(1,2,3-cd)pyrene	0.05 U	5 U	Both ND	--
Iron	5270	5090	3.5%	--
Iron [dissolved]	5290	3470	41.6%	--
Isophorone	0.1 U	5 U	Both ND	--
Isopropylbenzene	NA	0.5 U	--	--
Lead	6.9 U	10 U	Both ND	--
Lead [dissolved]	6.9 U	10 U	Both ND	--

Table 2 (Sheet 3 of 69)
Comparison Evaluation - Aqueous Samples
Sample GW-SW5-1.5-2.5

	PRP Sample (ug/L)	EPA Split (ug/L)	Relative Percent Difference (RPD)	Absolute Difference (AD)
m,p-Xylene	NA	0.5 U	--	--
Magnesium	4950	4750 J	4.1%	< 2xRL
Magnesium [dissolved]	4830 J	4600 J	4.9%	< 2xRL
Manganese	719	788	9.2%	--
Manganese [dissolved]	731	756	3.4%	--
Mercury	0.05 U	0.2 U	Both ND	--
Mercury [dissolved]	0.05 U	0.2 U	Both ND	--
Methyl acetate	0.3 U	0.5 U	Both ND	--
Methyl tert-butyl ether	0.5	0.5 U	hit < RL	< 2xRL
Methylcyclohexane	NA	0.5 U	--	--
Methylene chloride	0.2 U	0.5 U	Both ND	--
Naphthalene	0.05 U	5 U	Both ND	--
Naphthalene [VOC Fraction]	0.1 U	NA	--	--
Nickel	62.1	62.8	1.1%	--
Nickel [dissolved]	64.2	61.8	3.8%	--
Nitrobenzene	0.1 U	5 U	Both ND	--
N-Nitroso-di-n-propylamine	0.1 U	5 U	Both ND	--
N-Nitrosodiphenylamine	0.1 U	5 U	Both ND	--
o-Xylene	NA	0.5 U	--	--
Pentachlorophenol	0.2 U	10 U	Both ND	--
Phenanthrene	0.05 U	5 U	Both ND	--
Phenol	0.1	5 U	hit < RL	< 2xRL
Potassium	2550	2690 J	5.3%	< 2xRL
Potassium [dissolved]	2470	2630 J	6.3%	< 2xRL
Pyrene	0.05 U	5 U	Both ND	--
Selenium	8.9 U	35 U	Both ND	--
Selenium [dissolved]	8.9 U	35 U	Both ND	--
Silver	2.3 U	10 U	Both ND	--
Silver [dissolved]	2.3 U	1.2 J	hit < RL	< 2xRL
Sodium	14000	15200	8.2%	--
Sodium [dissolved]	13000	14900	13.6%	--
Styrene	0.1 U	0.5 U	Both ND	--
t-Butyl Alcohol	13	NA	--	--
Tetrachloroethene	0.1	0.5 U	hit < RL	< 2xRL
Thallium	14 U	25 U	Both ND	--
Thallium [dissolved]	14 U	25 U	Both ND	--
Toluene	0.1 U	0.5 U	Both ND	--
trans-1,2-Dichloroethene	0.1	0.5 U	hit < RL	< 2xRL
trans-1,3-Dichloropropene	0.1 U	0.5 UJ	Both ND	--
Trichloroethene	0.7	0.5 U	hit > RL	< 2xRL
Trichlorofluoromethane	0.1 U	0.5 U	Both ND	--
Unknown-01	NA	14 J	--	--
Unknown-01	NA	2 J	--	--
Unknown-02	NA	0.8 J	--	--
Vanadium	75.1	74.3	1.1%	--
Vanadium [dissolved]	64.8	59.6	8.4%	--
Vinyl chloride	0.5	0.5 U	hit < RL	< 2xRL
Xylenes, total	0.1 U	0.5 U	Both ND	--
Zinc	996	1110	10.8%	--
Zinc [dissolved]	958	1060	10.1%	--

NOTES:

Agreement between the data sets are shaded in light green, including :

- RPD less than 30% [aqueous] or 50% [solid] for organics
- RPD less than 20% [aqueous] or 35% [solid] for metals
- Both results are non-detects
- One detected result value is at or below the RL of the other sample set
- AD less than two times reporting limit

Unacceptable comparisons are shaded in pink, including:

- RPD greater than 30% [aqueous] or 50% [solid] for organics
- RPD greater than 20% [aqueous] or 35% [solid] for metals
- One detected result value is above the RL of the other sample set
- AD greater than two times reporting limit

Table 2 (Sheet 4 of 69)
Comparison Evaluation - Aqueous Samples
Sample GW-SW11-4-5

	PRP Sample (ug/L)	EPA Split (ug/L)	Relative Percent Difference (RPD)	Absolute Difference (AD)
1,1,1-Trichloroethane	0.1 U	0.5 U	Both ND	--
1,1,2,2-Tetrachloroethane	0.1 U	0.5 U	Both ND	--
1,1,2-Trichloro-1,2,2-trifluoroethane	NA	0.5 U	--	--
1,1,2-Trichloroethane	0.1 U	0.5 U	Both ND	--
1,1'-Biphenyl	1 U	5 U	Both ND	--
1,1-Dichloroethane	0.1 U	0.5 U	Both ND	--
1,1-Dichloroethene	0.1 U	0.5 U	Both ND	--
1,2,3-Trichlorobenzene	NA	0.5 U	--	--
1,2,4,5-Tetrachlorobenzene	NA	5 U	--	--
1,2,4-Trichlorobenzene	0.1 U	0.5 U	Both ND	--
1,2-Dibromo-3-chloropropane	0.0098 U	0.5 U	Both ND	--
1,2-Dibromoethane	0.0098 U	0.5 U	Both ND	--
1,2-Dichlorobenzene	0.1 U	0.5 U	Both ND	--
1,2-Dichloroethane	0.1 U	0.5 U	Both ND	--
1,2-Dichloropropane	0.1 U	0.5 U	Both ND	--
1,3-Dichlorobenzene	0.1 U	0.5 U	Both ND	--
1,4-Dichlorobenzene	0.1 U	0.5 U	Both ND	--
1,4-Dioxane	2 U	NA	--	--
2,2'-Oxybis(1-chloropropane)	1 U	5 U	Both ND	--
2,3,4,6-Tetrachlorophenol	NA	5 U	--	--
2,4,5-Trichlorophenol	2 U	5 U	Both ND	--
2,4,6-Trichlorophenol	2 U	5 U	Both ND	--
2,4-Dichlorophenol	5 U	5 U	Both ND	--
2,4-Dimethylphenol	5 U	5 U	Both ND	--
2,4-Dinitrophenol	20 UJ	10 U	Both ND	--
2,4-Dinitrotoluene	1 U	5 U	Both ND	--
2,6-Dinitrotoluene	1 U	5 U	Both ND	--
2-Butanone	1 U	5 U	Both ND	--
2-Chloronaphthalene	NA	5 U	--	--
2-Chlorophenol	1 U	5 U	Both ND	--
2-Hexanone	NA	5 U	--	--
2-Methylnaphthalene	0.5 UJ	5 U	Both ND	--
2-Methylphenol	1 U	5 U	Both ND	--
2-Nitroaniline	2 U	10 U	Both ND	--
2-Nitrophenol	NA	5 U	--	--
3,3'-Dichlorobenzidine	10 U	5 U	Both ND	--
3-Nitroaniline	NA	10 U	--	--
4,6-Dinitro-2-methylphenol	20 U	10 U	Both ND	--
4-Bromophenyl-phenylether	NA	5 U	--	--
4-Chloro-3-methylphenol	5 U	5 U	Both ND	--
4-Chloroaniline	NA	5 U	--	--
4-Chlorophenyl-phenylether	NA	5 U	--	--
4-Methyl-2-pentanone	1 U	5 U	Both ND	--
4-Methylphenol	2 U	5 U	Both ND	--
4-Nitroaniline	NA	10 U	--	--
4-Nitrophenol	NA	10 U	--	--
Acenaphthene	0.5 U	5 U	Both ND	--
Acenaphthylene	0.5 U	5 U	Both ND	--
Acetone	3 U	5 U	Both ND	--
Acetophenone	1 U	5 U	Both ND	--
Acrolein	4 U	NA	--	--
Acrylonitrile	1 U	NA	--	--
Aluminum	1860	1220	41.6%	--
Aluminum [dissolved]	152	175 J	14.1%	< 2xRL
Anthracene	0.5 U	5 U	Both ND	--
Antimony	10 U	60 U	Both ND	--
Antimony [dissolved]	10 U	60 U	Both ND	--
Arsenic	9.8 U	10 U	Both ND	--
Arsenic [dissolved]	9.8 U	10 U	Both ND	--
Atrazine	NA	5 U	--	--
Barium	29.2	25.4 J	13.9%	< 2xRL
Barium [dissolved]	26.2	21.3 J	20.6%	< 2xRL

Table 2 (Sheet 5 of 69)
Comparison Evaluation - Aqueous Samples
Sample GW-SW11-4-5

	PRP Sample (ug/L)	EPA Split (ug/L)	Relative Percent Difference (RPD)	Absolute Difference (AD)
Benzaldehyde	5 U	5 U	Both ND	--
Benzene	0.1 U	0.5 U	Both ND	--
Benzidine	100 U	NA	--	--
Benzo(a)anthracene	0.5 U	5 U	Both ND	--
Benzo(a)pyrene	0.5 U	5 U	Both ND	--
Benzo(b)fluoranthene	0.5 U	5 U	Both ND	--
Benzo(g,h,i)perylene	0.5 U	5 U	Both ND	--
Benzo(k)fluoranthene	0.5 U	5 U	Both ND	--
Beryllium	1.5	5 U	hit < RL	< 2xRL
Beryllium [dissolved]	1.5	5 U	hit < RL	< 2xRL
Bis(2-chloroethoxy)methane	NA	5 U	--	--
Bis(2-chloroethyl)ether	1 U	5 U	Both ND	--
Bis(2-ethylhexyl)phthalate	2 U	5 U	Both ND	--
Bromochloromethane	NA	0.5 U	--	--
Bromodichloromethane	0.1 U	0.5 U	Both ND	--
Bromoform	0.1 U	0.5 U	Both ND	--
Bromomethane	0.1 U	0.5 U	Both ND	--
Butylbenzylphthalate	2 U	5 U	Both ND	--
Cadmium	2 U	5 U	Both ND	--
Cadmium [dissolved]	2 U	5 U	Both ND	--
Calcium	11100	11000	0.9%	--
Calcium [dissolved]	11100	10600	4.6%	--
Caprolactam	10 U	5 U	Both ND	--
Carbazole	1 U	5 U	Both ND	--
Carbon disulfide	0.4 U	0.5 U	Both ND	--
Carbon tetrachloride	0.1 U	0.5 U	Both ND	--
Chlorobenzene	0.1 U	0.5 U	Both ND	--
Chloroethane	0.1 U	0.5 U	Both ND	--
Chloroform	0.1 U	0.5 U	Both ND	--
Chloromethane	0.2 U	0.5 U	Both ND	--
Chromium	7.9	3.1 J	87.3%	< 2xRL
Chromium [dissolved]	3.4 U	10 U	Both ND	--
Chrysene	0.5 U	5 U	Both ND	--
cis-1,2-Dichloroethene	0.1 U	0.5 U	Both ND	--
cis-1,3-Dichloropropene	0.1 U	0.5 U	Both ND	--
Cobalt	17.2	18.8 J	8.9%	< 2xRL
Cobalt [dissolved]	16.9	18.7 J	10.1%	< 2xRL
Copper	20.3	20.4 J	0.5%	< 2xRL
Copper [dissolved]	14.9	18.8 J	23.1%	< 2xRL
Cyclohexane	NA	0.5 U	--	--
Dibenzo(a,h)anthracene	0.5 U	5 U	Both ND	--
Dibenzofuran	NA	5 U	--	--
Dibromochloromethane	0.1 U	0.5 U	Both ND	--
Dichlorodifluoromethane	0.1 U	0.5 U	Both ND	--
Diethylphthalate	2 U	5 U	Both ND	--
Dimethylphthalate	2 U	5 U	Both ND	--
Di-n-butylphthalate	2 U	5 U	Both ND	--
Di-n-octylphthalate	5 U	5 U	Both ND	--
Ethylbenzene	0.1 U	0.5 U	Both ND	--
Fluoranthene	0.5 U	5 U	Both ND	--
Fluorene	0.5 U	5 U	Both ND	--
Hexachlorobenzene	0.5 U	5 U	Both ND	--
Hexachlorobutadiene	1 U	5 U	Both ND	--
Hexachlorocyclopentadiene	10 U	5 U	Both ND	--
Hexachloroethane	1 U	5 U	Both ND	--
Indeno(1,2,3-cd)pyrene	0.5 U	5 U	Both ND	--
Iron	10100	9480	6.3%	--
Iron [dissolved]	7010	2080	108.5%	--
Isophorone	1 U	5 U	Both ND	--
Isopropylbenzene	NA	0.5 U	--	--
Lead	11.8	11.9	0.8%	--
Lead [dissolved]	6.9 U	13.2	hit > RL	< 2xRL

Table 2 (Sheet 6 of 69)
Comparison Evaluation - Aqueous Samples
Sample GW-SW11-4-5

	PRP Sample (ug/L)	EPA Split (ug/L)	Relative Percent Difference (RPD)	Absolute Difference (AD)
m,p-Xylene	NA	0.5 U	--	--
Magnesium	4200	4280 J	1.9%	< 2xRL
Magnesium [dissolved]	4200	4120 J	1.9%	< 2xRL
Manganese	353	382	7.9%	--
Manganese [dissolved]	360	357	0.8%	--
Mercury	0.05 U	0.2 U	Both ND	--
Mercury [dissolved]	0.05 U	0.2 U	Both ND	--
Methyl acetate	0.5 U	0.5 U	Both ND	--
Methyl tert-butyl ether	0.1 U	0.5 U	Both ND	--
Methylcyclohexane	NA	0.5 U	--	--
Methylene chloride	0.2 U	0.5 U	Both ND	--
Naphthalene	0.5 U	5 U	Both ND	--
Naphthalene [VOC Fraction]	0.1 U	NA	--	--
Nickel	22.3	20 J	10.9%	< 2xRL
Nickel [dissolved]	19.9	19.3 J	3.1%	< 2xRL
Nitrobenzene	1 U	5 U	Both ND	--
N-Nitroso-di-n-propylamine	1 U	5 U	Both ND	--
N-Nitrosodiphenylamine	1 U	5 U	Both ND	--
o-Xylene	NA	0.5 U	--	--
Pentachlorophenol	2 U	10 U	Both ND	--
Phenanthrene	0.5 U	5 U	Both ND	--
Phenol	1 U	5 U	Both ND	--
Potassium	1960	1970 J	0.5%	< 2xRL
Potassium [dissolved]	1900	1820 J	4.3%	< 2xRL
Pyrene	0.5 U	5 U	Both ND	--
Selenium	8.9 U	35 U	Both ND	--
Selenium [dissolved]	8.9 U	35 U	Both ND	--
Silver	2.3 U	1.5 J	hit < RL	< 2xRL
Silver [dissolved]	2.3 U	1.5 J	hit < RL	< 2xRL
Sodium	25600	29800	15.2%	--
Sodium [dissolved]	26000	29400	12.3%	--
Styrene	0.1 U	0.5 U	Both ND	--
t-Butyl Alcohol	4 U	NA	--	--
Tetrachloroethene	0.1 U	0.5 U	Both ND	--
Thallium	14 U	25 U	Both ND	--
Thallium [dissolved]	14 U	25 U	Both ND	--
Toluene	0.1 U	0.5 U	Both ND	--
trans-1,2-Dichloroethene	0.1 U	0.5 U	Both ND	--
trans-1,3-Dichloropropene	0.1 U	0.5 U	Both ND	--
Trichloroethene	0.1 U	0.5 U	Both ND	--
Trichlorofluoromethane	0.1 U	0.5 U	Both ND	--
Vanadium	8.7	6.4 J	30.5%	< 2xRL
Vanadium [dissolved]	2.5 U	50 U	Both ND	--
Vinyl chloride	0.08 U	0.5 U	Both ND	--
Xylenes, total	0.1 U	0.5 U	Both ND	--
Zinc	637	649	1.9%	--
Zinc [dissolved]	605	618	2.1%	--

NOTES:

Agreement between the data sets are shaded in light green, including :

- RPD less than 30% [aqueous] or 50% [solid] for organics
- RPD less than 20% [aqueous] or 35% [solid] for metals
- Both results are non-detects
- One detected result value is at or below the RL of the other sample set
- AD less than two times reporting limit

Unacceptable comparisons are shaded in pink, including:

- RPD greater than 30% [aqueous] or 50% [solid] for organics
- RPD greater than 20% [aqueous] or 35% [solid] for metals
- One detected result value is above the RL of the other sample set
- AD greater than two times reporting limit

Table 2 (Sheet 7 of 69)
Comparison Evaluation - Aqueous Samples
Sample SRI-GW-2-3-8

	PRP Sample (ug/L)	EPA Split (ug/L)	Relative Percent Difference (RPD)	Absolute Difference (AD)
1,1,1-Trichloroethane	0.1 U	0.5 U	Both ND	--
1,1,2,2-Tetrachloroethane	0.1 U	0.5 U	Both ND	--
1,1,2-Trichloro-1,2,2-trifluoroethane	NA	0.5 U	--	--
1,1,2-Trichloroethane	0.1 U	0.5 U	Both ND	--
1,1-Dichloroethane	0.1 U	0.5 U	Both ND	--
1,1-Dichloroethene	0.1 U	0.5 U	Both ND	--
1,2,3-Trichlorobenzene	NA	0.5 U	--	--
1,2,4-Trichlorobenzene	0.1 U	0.5 U	Both ND	--
1,2-Dibromo-3-chloropropane	0.0092 U	0.5 U	Both ND	--
1,2-Dibromoethane	0.0092 U	0.5 U	Both ND	--
1,2-Dichlorobenzene	0.1 U	0.5 U	Both ND	--
1,2-Dichloroethane	0.1 U	0.5 U	Both ND	--
1,2-Dichloropropane	0.1 U	0.5 U	Both ND	--
1,3-Dichlorobenzene	0.1 U	0.5 U	Both ND	--
1,4-Dichlorobenzene	0.1 U	0.5 U	Both ND	--
1,4-Dioxane	20 U	NA	--	--
2-Butanone	1 U	5 U	Both ND	--
2-Hexanone	NA	5 U	--	--
4-Methyl-2-pentanone	1 U	5 U	Both ND	--
Acetone	22	5 U	hit > RL	> 2xRL
Acrolein	4 U	NA	--	--
Acrylonitrile	1 U	NA	--	--
Benzene	0.1	0.5 U	hit < RL	< 2xRL
Bromochloromethane	NA	0.5 U	--	--
Bromodichloromethane	0.1 U	0.5 U	Both ND	--
Bromoform	0.1 U	0.5 U	Both ND	--
Bromomethane	0.1 U	0.5 U	Both ND	--
Carbon disulfide	1.1	1.1 J	0.0%	< 2xRL
Carbon tetrachloride	0.1 U	0.5 U	Both ND	--
Chlorobenzene	0.1 U	0.5 U	Both ND	--
Chloroethane	0.1 U	0.5 U	Both ND	--
Chloroform	0.1 U	0.5 U	Both ND	--
Chloromethane	0.2 U	0.5 U	Both ND	--
cis-1,2-Dichloroethene	0.1	0.5 U	hit < RL	< 2xRL
cis-1,3-Dichloropropene	0.1 U	0.5 U	Both ND	--
Cyclohexane	NA	0.5 U	--	--
Dibromochloromethane	0.1 U	0.5 U	Both ND	--
Dichlorodifluoromethane	0.1 U	0.5 U	Both ND	--
Ethylbenzene	0.1 U	0.5 U	Both ND	--
Isopropyl alcohol	NA	50 NJ	--	--
Isopropylbenzene	NA	0.5 U	--	--
m,p-Xylene	NA	0.5 U	--	--
Methyl acetate	0.3 U	0.5 U	Both ND	--
Methyl tert-butyl ether	0.9	0.84 J	6.9%	--
Methylcyclohexane	NA	0.5 U	--	--
Methylene chloride	0.2 U	0.5 U	Both ND	--
Naphthalene [VOC Fraction]	0.1 U	NA	--	--
o-Xylene	NA	0.5 U	--	--
Styrene	0.1 U	0.5 U	Both ND	--
t-Butyl Alcohol	17	NA	--	--
Tetrachloroethene	0.1 U	0.5 U	Both ND	--
Toluene	0.1 U	0.5 U	Both ND	--
trans-1,2-Dichloroethene	0.1 U	0.5 U	Both ND	--
trans-1,3-Dichloropropene	0.1 U	0.5 U	Both ND	--
Trichloroethene	0.1 U	0.5 U	Both ND	--

Table 2 (Sheet 8 of 69)
Comparison Evaluation - Aqueous Samples
Sample SRI-GW-2-3-8

	PRP Sample (ug/L)	EPA Split (ug/L)	Relative Percent Difference (RPD)	Absolute Difference (AD)
Trichlorofluoromethane	0.1 U	0.5 U	Both ND	--
Vinyl chloride	0.08 U	0.5 U	Both ND	--
Xylenes, total	0.1 U	0.5 U	Both ND	--

NOTES:

Agreement between the data sets are shaded in light green, including :

- RPD less than 30% [aqueous] or 50% [solid] for organics
- RPD less than 20% [aqueous] or 35% [solid] for metals
- Both results are non-detects
- One detected result value is at or below the RL of the other sample set
- AD less than two times reporting limit

Unacceptable comparisons are shaded in pink, including:

- RPD greater than 30% [aqueous] or 50% [solid] for organics
- RPD greater than 20% [aqueous] or 35% [solid] for metals
- One detected result value is above the RL of the other sample set
- AD greater than two times reporting limit

Table 2 (Sheet 9 of 69)
Comparison Evaluation - Aqueous Samples
Sample SRI-GW-10-3-8

	PRP Sample (ug/L)	EPA Split (ug/L)	Relative Percent Difference (RPD)	Absolute Difference (AD)
1,1,1-Trichloroethane	0.1 U	0.5 U	Both ND	--
1,1,2,2-Tetrachloroethane	0.2	0.5 U	hit < RL	< 2xRL
1,1,2-Trichloro-1,2,2-trifluoroethane	NA	0.5 U	--	--
1,1,2-Trichloroethane	0.1 U	0.5 U	Both ND	--
1,1-Dichloroethane	0.1 U	0.5 U	Both ND	--
1,1-Dichloroethene	0.1 U	0.5 U	Both ND	--
1,2,3-Trichlorobenzene	NA	0.5 U	--	--
1,2,4-Trichlorobenzene	0.2	0.5 U	hit < RL	< 2xRL
1,2-Dibromo-3-chloropropane	0.0089 U	0.5 U	Both ND	--
1,2-Dibromoethane	0.0089 U	0.5 U	Both ND	--
1,2-Dichlorobenzene	0.1	0.5 U	hit < RL	< 2xRL
1,2-Dichloroethane	0.1 U	0.5 U	Both ND	--
1,2-Dichloropropane	0.1 U	0.5 U	Both ND	--
1,3-Dichlorobenzene	0.3	0.5 U	hit < RL	< 2xRL
1,4-Dichlorobenzene	0.7	0.94 J	29.3%	--
1,4-Dioxane	20 U	NA	--	--
2-Butanone	1.5	5 U	hit < RL	< 2xRL
2-Hexanone	NA	5 U	--	--
4-Methyl-2-pentanone	1 U	5 U	Both ND	--
Acetone	130	5 U	hit > RL	> 2xRL
Acrolein	4 U	NA	--	--
Acrylonitrile	1 U	NA	--	--
Benzene	1.2	1.1 J	8.7%	--
Benzene, 1-chloro-3-methyl-	NA	0.47 NJ	--	--
Bromochloromethane	NA	0.5 U	--	--
Bromodichloromethane	0.1 U	0.5 U	Both ND	--
Bromoform	0.1 U	0.5 U	Both ND	--
Bromomethane	0.1 U	0.5 U	Both ND	--
Carbon disulfide	0.6	0.89 J	38.9%	--
Carbon tetrachloride	0.1 U	0.5 U	Both ND	--
Chlorobenzene	29	36 J	21.5%	--
Chloroethane	0.1 U	0.5 U	Both ND	--
Chloroform	0.1 U	0.5 U	Both ND	--
Chloromethane	0.2	0.5 U	hit < RL	< 2xRL
cis-1,2-Dichloroethene	0.2	0.5 U	hit < RL	< 2xRL
cis-1,3-Dichloropropene	0.1 U	0.5 U	Both ND	--
Cyclohexane	NA	0.5 U	--	--
Dibromochloromethane	0.1 U	0.5 U	Both ND	--
Dichlorodifluoromethane	0.1 U	0.5 U	Both ND	--
Ethylbenzene	0.5	0.65 J	26.1%	< 2xRL
Isopropyl alcohol	NA	11 NJ	--	--
Isopropylbenzene	NA	0.5 U	--	--
m,p-Xylene	NA	1.6 J	--	--
Methyl acetate	0.3 U	0.5 U	Both ND	--
Methyl tert-butyl ether	0.4	0.5 U	hit < RL	< 2xRL
Methylcyclohexane	NA	0.5 U	--	--
Methylene chloride	0.2 U	0.5 U	Both ND	--
Naphthalene [VOC Fraction]	0.1	NA	--	--
o-Xylene	NA	1.4 J	--	--
Propane	NA	2.8 NJ	--	--
Styrene	0.1 U	0.5 U	Both ND	--
t-Butyl Alcohol	50	NA	--	--
Tetrachloroethene	0.1 U	0.5 U	Both ND	--
Toluene	0.3	0.5 U	hit < RL	< 2xRL
trans-1,2-Dichloroethene	0.1 U	0.5 U	Both ND	--
trans-1,3-Dichloropropene	0.1 U	0.5 U	Both ND	--
Trichloroethene	0.1 U	0.5 U	Both ND	--
Trichlorofluoromethane	0.1 U	0.5 U	Both ND	--
Vinyl chloride	0.08 U	0.5 U	Both ND	--
Xylenes, total	2.4	3 J	22.2%	--

NOTES:

Table 2 (Sheet 10 of 69)
Comparison Evaluation - Aqueous Samples
Sample SRI-GW-10-3-8

	PRP Sample (ug/L)	EPA Split (ug/L)	Relative Percent Difference (RPD)	Absolute Difference (AD)

Agreement between the data sets are shaded in light green, including :

- RPD less than 30% [aqueous] or 50% [solid] for organics
- RPD less than 20% [aqueous] or 35% [solid] for metals
- Both results are non-detects
- One detected result value is at or below the RL of the other sample set
- AD less than two times reporting limit

Unacceptable comparisons are shaded in pink, including:

- RPD greater than 30% [aqueous] or 50% [solid] for organics
- RPD greater than 20% [aqueous] or 35% [solid] for metals
- One detected result value is above the RL of the other sample set
- AD greater than two times reporting limit

Table 2 (Sheet 11 of 69)
Comparison Evaluation - Aqueous Samples
Sample MTBE-1-15-20

	PRP Sample (ug/L)	EPA Split (ug/L)	Relative Percent Difference (RPD)	Absolute Difference (AD)
1,1,1-Trichloroethane	0.1 U	0.5 U	Both ND	--
1,1,2,2-Tetrachloroethane	0.1 U	0.5 U	Both ND	--
1,1,2-Trichloro-1,2,2-trifluoroethane	NA	0.5 U	--	--
1,1,2-Trichloroethane	0.1 U	0.5 U	Both ND	--
1,1-Dichloroethane	0.1 U	0.5 U	Both ND	--
1,1-Dichloroethene	0.1 U	0.5 U	Both ND	--
1,2,3-Trichlorobenzene	NA	0.5 U	--	--
1,2,4-Trichlorobenzene	0.1 U	0.5 U	Both ND	--
1,2-Dibromo-3-chloropropane	0.0094 U	0.5 U	Both ND	--
1,2-Dibromoethane	0.0094 U	0.5 U	Both ND	--
1,2-Dichlorobenzene	0.1 U	0.5 U	Both ND	--
1,2-Dichloroethane	0.1 U	0.5 U	Both ND	--
1,2-Dichloropropane	0.1 U	0.5 U	Both ND	--
1,3-Dichlorobenzene	0.1 U	0.5 U	Both ND	--
1,4-Dichlorobenzene	0.1 U	0.5 U	Both ND	--
1,4-Dioxane	20 U	NA	--	--
2-Butanone	1 U	5 U	Both ND	--
2-Hexanone	NA	5 U	--	--
4-Methyl-2-pentanone	1 U	5 U	Both ND	--
Acetone	9	5 U	hit > RL	< 2xRL
Acrolein	4 U	NA	--	--
Acrylonitrile	1 U	NA	--	--
Benzene	0.2	0.5 U	hit < RL	< 2xRL
Bromochloromethane	NA	0.5 U	--	--
Bromodichloromethane	0.1 U	0.5 U	Both ND	--
Bromoform	0.1 U	0.5 U	Both ND	--
Bromomethane	0.1 U	0.5 U	Both ND	--
Carbon disulfide	0.5	0.74 J	38.7%	< 2xRL
Carbon tetrachloride	0.1 U	0.5 U	Both ND	--
Chlorobenzene	0.1 U	0.5 U	Both ND	--
Chloroethane	0.1 U	0.5 U	Both ND	--
Chloroform	0.4	0.5 U	hit < RL	< 2xRL
Chloromethane	0.2 U	0.5 U	Both ND	--
cis-1,2-Dichloroethene	0.1 U	0.5 U	Both ND	--
cis-1,3-Dichloropropene	0.1 U	0.5 U	Both ND	--
Cyclohexane	NA	0.5 U	--	--
Dibromochloromethane	0.1 U	0.5 U	Both ND	--
Dichlorodifluoromethane	0.1 U	0.5 U	Both ND	--
Ethylbenzene	0.1 U	0.5 U	Both ND	--
Isopropyl alcohol	NA	21 NJ	--	--
Isopropylbenzene	NA	0.5 U	--	--
m,p-Xylene	NA	0.5 U	--	--
Methyl acetate	0.3 U	0.5 U	Both ND	--
Methyl tert-butyl ether	0.1 U	0.5 U	Both ND	--
Methylcyclohexane	NA	0.5 U	--	--
Methylene chloride	0.2 U	0.5 U	Both ND	--
Naphthalene [VOC Fraction]	0.1 U	NA	--	--
o-Xylene	NA	0.5 U	--	--
Styrene	0.1 U	0.5 U	Both ND	--
t-Butyl Alcohol	4 U	NA	--	--
Tetrachloroethene	0.1 U	0.5 U	Both ND	--
Toluene	0.2	0.5 U	hit < RL	< 2xRL
trans-1,2-Dichloroethene	0.1 U	0.5 U	Both ND	--
trans-1,3-Dichloropropene	0.1 U	0.5 U	Both ND	--
Trichloroethene	0.1 U	0.5 U	Both ND	--
Trichlorofluoromethane	0.1 U	0.5 U	Both ND	--
Vinyl chloride	0.08 U	0.5 U	Both ND	--
Xylenes, total	0.1 U	0.5 U	Both ND	--

NOTES:
Agreement between the data sets are shaded in light green, including :

- RPD less than 30% [aqueous] or 50% [solid] for organics

Table 2 (Sheet 12 of 69)
Comparison Evaluation - Aqueous Samples
Sample MTBE-1-15-20

	PRP Sample (ug/L)	EPA Split (ug/L)	Relative Percent Difference (RPD)	Absolute Difference (AD)

- RPD less than 20% [aqueous] or 35% [solid] for metals
- Both results are non-detects
- One detected result value is at or below the RL of the other sample set
- AD less than two times reporting limit

Unacceptable comparisons are shaded in pink, including:

- RPD greater than 30% [aqueous] or 50% [solid] for organics
- RPD greater than 20% [aqueous] or 35% [solid] for metals
- One detected result value is above the RL of the other sample set
- AD greater than two times reporting limit

Table 2 (Sheet 13 of 69)
Comparison Evaluation - Aqueous Samples
Sample FFT09-4-40-45

	PRP Sample (ug/L)	EPA Split (ug/L)	Relative Percent Difference (RPD)	Absolute Difference (AD)
1,1,1-Trichloroethane	0.1 U	0.5 U	Both ND	--
1,1,2,2-Tetrachloroethane	0.5	0.53	5.8%	--
1,1,2-Trichloro-1,2,2-trifluoroethane	NA	0.5 U	--	--
1,1,2-Trichloroethane	0.1 U	0.5 U	Both ND	--
1,1-Dichloroethane	0.2	0.5 U	hit < RL	< 2xRL
1,1-Dichloroethene	1.2	1.2	0.0%	--
1,2,3-Trichlorobenzene	NA	0.5 U	--	--
1,2,4-Trichlorobenzene	0.1 U	0.5 U	Both ND	--
1,2-Dibromo-3-chloropropane	0.0096 U	0.5 U	Both ND	--
1,2-Dibromoethane	0.0096 U	0.5 U	Both ND	--
1,2-Dichlorobenzene	0.1 U	0.5 U	Both ND	--
1,2-Dichloroethane	0.2	0.5 U	hit < RL	< 2xRL
1,2-Dichloropropane	0.1 U	0.5 U	Both ND	--
1,3-Dichlorobenzene	0.1 U	0.5 U	Both ND	--
1,4-Dichlorobenzene	0.1 U	0.5 U	Both ND	--
1,4-Dioxane	20 U	NA	--	--
2-Butanone	1 U	5 U	Both ND	--
2-Hexanone	NA	5 U	--	--
4-Methyl-2-pentanone	1 U	5 U	Both ND	--
Acetone	3 U	5 U	Both ND	--
Acrolein	4 U	NA	--	--
Acrylonitrile	1 U	NA	--	--
Aluminum	9620	6200	43.2%	--
Aluminum [dissolved]	5700	6100	6.8%	--
Antimony	10 U	20 U	Both ND	--
Antimony [dissolved]	10 U	20 U	Both ND	--
Arsenic	9.8 U	8 U	Both ND	--
Arsenic [dissolved]	9.8 U	8 U	Both ND	--
Barium	66.7	100 U	hit < RL	< 2xRL
Barium [dissolved]	54.5	100 U	hit < RL	< 2xRL
Benzene	1.4	1.4	0.0%	--
Beryllium	3.8	3 U	hit > RL	< 2xRL
Beryllium [dissolved]	3.7	3 U	hit > RL	< 2xRL
Bromochloromethane	NA	0.5 U	--	--
Bromodichloromethane	0.1 U	0.5 U	Both ND	--
Bromoform	0.1 U	0.5 U	Both ND	--
Bromomethane	0.1 U	0.5 U	Both ND	--
Cadmium	2 U	3 U	Both ND	--
Cadmium [dissolved]	2 U	3 U	Both ND	--
Calcium	11900	11000	7.9%	--
Calcium [dissolved]	11300	11000	2.7%	--
Carbon disulfide	0.4 U	0.5 U	Both ND	--
Carbon tetrachloride	0.1 U	0.5 U	Both ND	--
Chlorobenzene	0.1 U	0.5 U	Both ND	--
Chloroethane	0.1 U	0.5 U	Both ND	--
Chloroform	0.1	0.5 U	hit < RL	< 2xRL
Chloromethane	0.2 U	0.5 U	Both ND	--
Chromium	16.8	15	11.3%	--
Chromium [dissolved]	6.9	14	67.9%	--
cis-1,2-Dichloroethene	0.5	0.54	7.7%	--
cis-1,3-Dichloropropene	0.1 U	0.5 U	Both ND	--
Cobalt	29.6	28	5.6%	--
Cobalt [dissolved]	29	27	7.1%	--
Copper	5.8	10 U	hit < RL	< 2xRL
Copper [dissolved]	3.8	10 U	hit < RL	< 2xRL
Cyclohexane	NA	0.5 U	--	--
Dibromochloromethane	0.1 U	0.5 U	Both ND	--
Dichlorodifluoromethane	0.1 U	0.5 U	Both ND	--
Ethyl ether	NA	10 NJ	--	--
Ethylbenzene	0.1 U	0.5 U	Both ND	--
Iron	3050	2900	5.0%	--
Iron [dissolved]	2330	2800	18.3%	--

Table 2 (Sheet 14 of 69)
Comparison Evaluation - Aqueous Samples
Sample FFT09-4-40-45

	PRP Sample (ug/L)	EPA Split (ug/L)	Relative Percent Difference (RPD)	Absolute Difference (AD)
Isopropylbenzene	NA	0.5 U	--	--
Lead	6.9 U	8 U	Both ND	--
Lead [dissolved]	6.9 U	8 U	Both ND	--
m,p-Xylene	NA	0.5 U	--	--
Magnesium	3620	3600	0.6%	--
Magnesium [dissolved]	3640	3600	1.1%	--
Manganese	417	420	0.7%	--
Manganese [dissolved]	408	420	2.9%	--
Mercury	0.05 U	0.2 U	Both ND	--
Mercury [dissolved]	0.05 U	0.2 U	Both ND	--
Methyl acetate	0.3 U	1.5	hit > RL	> 2xRL
Methyl tert-butyl ether	1.5	1.5	0.0%	--
Methylcyclohexane	NA	0.5 U	--	--
Methylene chloride	0.2 U	0.5 U	Both ND	--
Naphthalene [VOC Fraction]	0.1 U	NA	--	--
Nickel	31.6	29	8.6%	--
Nickel [dissolved]	30.3	28	7.9%	--
o-Xylene	NA	0.5 U	--	--
Potassium	4130	4200	1.7%	--
Potassium [dissolved]	4070	4100	0.7%	--
Selenium	8.9 U	20 U	Both ND	--
Selenium [dissolved]	8.9 U	20 U	Both ND	--
Silver	2.3 U	5 U	Both ND	--
Silver [dissolved]	2.3 U	5 U	Both ND	--
Sodium	20600	21000	1.9%	--
Sodium [dissolved]	19000	21000	10.0%	--
Styrene	0.1 U	0.5 U	Both ND	--
t-Butyl Alcohol	4 U	NA	--	--
Tetrachloroethene	0.1 U	0.5 U	Both ND	--
Thallium	14 U	20 U	Both ND	--
Thallium [dissolved]	14 U	20 U	Both ND	--
Toluene	0.1 U	0.5 U	Both ND	--
trans-1,2-Dichloroethene	0.1 U	0.5 U	Both ND	--
trans-1,3-Dichloropropene	0.1 U	0.5 U	Both ND	--
Trichloroethene	1.4	1.4	0.0%	--
Trichlorofluoromethane	0.1 U	0.5 U	Both ND	--
Vanadium	10.9	20 U	hit < RL	< 2xRL
Vanadium [dissolved]	2.5 U	20 U	Both ND	--
Vinyl chloride	1.2	1.5 J	22.2%	--
Xylenes, total	0.1 U	0.5 U	Both ND	--
Zinc	237	240	1.3%	--
Zinc [dissolved]	236	240	1.7%	--

NOTES:

Agreement between the data sets are shaded in light green, including :

- RPD less than 30% [aqueous] or 50% [solid] for organics
- RPD less than 20% [aqueous] or 35% [solid] for metals
- Both results are non-detects
- One detected result value is at or below the RL of the other sample set
- AD less than two times reporting limit

Unacceptable comparisons are shaded in pink, including:

- RPD greater than 30% [aqueous] or 50% [solid] for organics
- RPD greater than 20% [aqueous] or 35% [solid] for metals
- One detected result value is above the RL of the other sample set
- AD greater than two times reporting limit

Table 2 (Sheet 15 of 69)
Comparison Evaluation - Aqueous Samples
Sample FFT09-5-40-45

	PRP Sample (ug/L)	EPA Split (ug/L)	Relative Percent Difference (RPD)	Absolute Difference (AD)
1,1,1-Trichloroethane	0.1 U	0.5 U	Both ND	--
1,1,2,2-Tetrachloroethane	0.1 U	0.5 U	Both ND	--
1,1,2-Trichloro-1,2,2-trifluoroethane	NA	0.5 U	--	--
1,1,2-Trichloroethane	0.1 U	0.5 U	Both ND	--
1,1-Dichloroethane	0.1 U	0.5 U	Both ND	--
1,1-Dichloroethene	0.1 U	0.5 U	Both ND	--
1,2,3-Trichlorobenzene	NA	0.5 U	--	--
1,2,4-Trichlorobenzene	0.1 U	0.5 U	Both ND	--
1,2-Dibromo-3-chloropropane	0.0096 U	0.5 U	Both ND	--
1,2-Dibromoethane	0.0096 U	0.5 U	Both ND	--
1,2-Dichlorobenzene	0.1 U	0.5 U	Both ND	--
1,2-Dichloroethane	0.1 U	0.5 U	Both ND	--
1,2-Dichloropropane	0.1 U	0.5 U	Both ND	--
1,3-Dichlorobenzene	0.1 U	0.5 U	Both ND	--
1,4-Dichlorobenzene	0.1 U	0.5 U	Both ND	--
1,4-Dioxane	20 U	NA	--	--
2-Butanone	1 U	5 U	Both ND	--
2-Butene	NA	0.94 NJ	--	--
2-Hexanone	NA	5 U	--	--
4-Methyl-2-pentanone	1 U	5 U	Both ND	--
Acetone	3 U	5 U	Both ND	--
Acrolein	4 U	NA	--	--
Acrylonitrile	1 U	NA	--	--
Aluminum	1570	1000	44.4%	--
Aluminum [dissolved]	869	1000	14.0%	--
Antimony	10 U	20 U	Both ND	--
Antimony [dissolved]	10 U	20 U	Both ND	--
Arsenic	9.8 U	8 U	Both ND	--
Arsenic [dissolved]	9.8 U	8 U	Both ND	--
Barium	82.5	100 U	hit < RL	< 2xRL
Barium [dissolved]	77.2	100 U	hit < RL	< 2xRL
Benzene	0.1 U	0.5 U	Both ND	--
Beryllium	1.4 U	3 U	Both ND	--
Beryllium [dissolved]	1.4 U	3 U	Both ND	--
Bromochloromethane	NA	0.5 U	--	--
Bromodichloromethane	0.1 U	0.5 U	Both ND	--
Bromoform	0.1 U	0.5 U	Both ND	--
Bromomethane	0.1 U	0.5 U	Both ND	--
Cadmium	2 U	3 U	Both ND	--
Cadmium [dissolved]	2 U	3 U	Both ND	--
Calcium	4260	4200	1.4%	--
Calcium [dissolved]	4460	4100	8.4%	--
Carbon disulfide	0.4 U	0.5 U	Both ND	--
Carbon tetrachloride	0.1 U	0.5 U	Both ND	--
Chlorobenzene	0.1 U	0.5 U	Both ND	--
Chloroethane	0.1 U	0.5 U	Both ND	--
Chloroform	0.3	0.5 U	hit < RL	< 2xRL
Chloromethane	0.2 U	0.5 U	Both ND	--
Chromium	7.8	6.9	12.2%	--
Chromium [dissolved]	3.4 U	6.2	hit > RL	< 2xRL
cis-1,2-Dichloroethene	0.1 U	0.5 U	Both ND	--
cis-1,3-Dichloropropene	0.1 U	0.5 U	Both ND	--
Cobalt	11.3	20 U	hit < RL	< 2xRL
Cobalt [dissolved]	11.3	20 U	hit < RL	< 2xRL
Copper	2.7 U	10 U	Both ND	--
Copper [dissolved]	2.7 U	10 U	Both ND	--
Cyclohexane	NA	0.5 U	--	--
Dibromochloromethane	0.1 U	0.5 U	Both ND	--
Dichlorodifluoromethane	0.1 U	0.5 U	Both ND	--
Ethylbenzene	0.1 U	0.5 U	Both ND	--
Iron	6040	5800	4.1%	--
Iron [dissolved]	4620	5800	22.6%	--

Table 2 (Sheet 16 of 69)
Comparison Evaluation - Aqueous Samples
Sample FFT09-5-40-45

	PRP Sample (ug/L)	EPA Split (ug/L)	Relative Percent Difference (RPD)	Absolute Difference (AD)
Isopropylbenzene	NA	0.5 U	--	--
Lead	6.9 U	8 U	Both ND	--
Lead [dissolved]	6.9 U	8 U	Both ND	--
m,p-Xylene	NA	0.5 U	--	--
Magnesium	3490	3400	2.6%	--
Magnesium [dissolved]	3620	3300	9.2%	--
Manganese	126	130	3.1%	--
Manganese [dissolved]	126	130	3.1%	--
Mercury	0.05 U	0.2 U	Both ND	--
Mercury [dissolved]	0.05 U	0.2 U	Both ND	--
Methyl acetate	0.3 U	0.5 U	Both ND	--
Methyl tert-butyl ether	0.1	0.5 U	hit < RL	< 2xRL
Methylcyclohexane	NA	0.5 U	--	--
Methylene chloride	0.2 U	0.5 U	Both ND	--
Naphthalene [VOC Fraction]	0.1 U	NA	--	--
Nickel	15.7	20 U	hit < RL	< 2xRL
Nickel [dissolved]	16.1	20 U	hit < RL	< 2xRL
Nonanal	NA	1.2 NJ	--	--
o-Xylene	NA	0.5 U	--	--
Potassium	2520	2400	4.9%	--
Potassium [dissolved]	2400	2300	4.3%	--
Propane	NA	1.3 NJ	--	--
Selenium	8.9 U	20 U	Both ND	--
Selenium [dissolved]	8.9 U	20 U	Both ND	--
Silver	2.3 U	5 U	Both ND	--
Silver [dissolved]	2.3 U	5 U	Both ND	--
Sodium	22400	22000	1.8%	--
Sodium [dissolved]	23200	21000	10.0%	--
Styrene	0.1 U	0.5 U	Both ND	--
t-Butyl Alcohol	5.9	NA	--	--
tert-Butoxymethyl oxirane	NA	0.87 NJ	--	--
Tetrachloroethene	0.2	0.5 U	hit < RL	< 2xRL
Thallium	14 U	20 U	Both ND	--
Thallium [dissolved]	14 U	20 U	Both ND	--
Toluene	0.2	0.5 U	hit < RL	< 2xRL
trans-1,2-Dichloroethene	0.1 U	0.5 U	Both ND	--
trans-1,3-Dichloropropene	0.1 U	0.5 U	Both ND	--
Trichloroethene	0.1 U	0.5 U	Both ND	--
Trichlorofluoromethane	0.1 U	0.5 U	Both ND	--
Vanadium	7.4	20 U	hit < RL	< 2xRL
Vanadium [dissolved]	2.5 U	20 U	Both ND	--
Vinyl chloride	0.08 U	0.5 U	Both ND	--
Xylenes, total	0.1 U	0 U	Both ND	--
Zinc	527	580	9.6%	--
Zinc [dissolved]	545	570	4.5%	--

NOTES:

Agreement between the data sets are shaded in light green, including :

- RPD less than 30% [aqueous] or 50% [solid] for organics
- RPD less than 20% [aqueous] or 35% [solid] for metals
- Both results are non-detects
- One detected result value is at or below the RL of the other sample set
- AD less than two times reporting limit

Unacceptable comparisons are shaded in pink, including:

- RPD greater than 30% [aqueous] or 50% [solid] for organics
- RPD greater than 20% [aqueous] or 35% [solid] for metals
- One detected result value is above the RL of the other sample set
- AD greater than two times reporting limit

Table 2 (Sheet 17 of 69)
Comparison Evaluation - Aqueous Samples
Sample FFT09-6-40-45

	PRP Sample (ug/L)	EPA Split (ug/L)	Relative Percent Difference (RPD)	Absolute Difference (AD)
1,1,1-Trichloroethane	0.1 U	0.5 U	Both ND	--
1,1,2,2-Tetrachloroethane	0.1 U	0.5 U	Both ND	--
1,1,2-Trichloro-1,2,2-trifluoroethane	NA	0.5 U	--	--
1,1,2-Trichloroethane	0.1 U	0.5 U	Both ND	--
1,1-Dichloroethane	0.1 U	0.5 U	Both ND	--
1,1-Dichloroethene	0.1 U	0.5 U	Both ND	--
1,2,3-Trichlorobenzene	NA	0.5 U	--	--
1,2,4-Trichlorobenzene	0.1 U	0.5 U	Both ND	--
1,2-Dibromo-3-chloropropane	0.0096 U	0.5 U	Both ND	--
1,2-Dibromoethane	0.0096 U	0.5 U	Both ND	--
1,2-Dichlorobenzene	0.4	0.5 U	hit < RL	< 2xRL
1,2-Dichloroethane	0.3	0.5 U	hit < RL	< 2xRL
1,2-Dichloropropane	0.1 U	0.5 U	Both ND	--
1,3-Dichlorobenzene	0.1	0.5 U	hit < RL	< 2xRL
1,4-Dichlorobenzene	0.3	0.5 U	hit < RL	< 2xRL
1,4-Dioxane	20 U	NA	--	--
2-Butanone	1 U	5 U	Both ND	--
2-Hexanone	NA	5 U	--	--
4-Methyl-2-pentanone	1 U	5 U	Both ND	--
Acetone	3 U	5 U	Both ND	--
Acrolein	4 U	NA	--	--
Acrylonitrile	1 U	NA	--	--
Aluminum	4540	2900	44.1%	--
Aluminum [dissolved]	2370	2900	20.1%	--
Antimony	10 U	20 U	Both ND	--
Antimony [dissolved]	10 U	20 U	Both ND	--
Arsenic	9.8 U	8 U	Both ND	--
Arsenic [dissolved]	9.8 U	8 U	Both ND	--
Barium	81.9	100 U	hit < RL	< 2xRL
Barium [dissolved]	68.8	100 U	hit < RL	< 2xRL
Benzene	0.2	0.5 U	hit < RL	< 2xRL
Beryllium	1.4 U	3 U	Both ND	--
Beryllium [dissolved]	1.4 U	3 U	Both ND	--
Bromochloromethane	NA	0.5 U	--	--
Bromodichloromethane	0.1 U	0.5 U	Both ND	--
Bromoform	0.1 U	0.5 U	Both ND	--
Bromomethane	0.1 U	0.5 U	Both ND	--
Cadmium	4.6	3.1	39.0%	--
Cadmium [dissolved]	3.7	3.1	17.6%	--
Calcium	5330	4800	10.5%	--
Calcium [dissolved]	5280	4800	9.5%	--
Carbon disulfide	0.4 U	0.5 U	Both ND	--
Carbon tetrachloride	0.1 U	0.5 U	Both ND	--
Chlorobenzene	2.5	3.1	21.4%	--
Chloroethane	0.1 U	0.5 U	Both ND	--
Chloroform	0.1 U	0.5 U	Both ND	--
Chloromethane	0.2 U	0.5 U	Both ND	--
Chromium	27.3	20	30.9%	--
Chromium [dissolved]	3.4 U	20	hit > RL	> 2xRL
cis-1,2-Dichloroethene	0.1	0.5 U	hit < RL	< 2xRL
cis-1,3-Dichloropropene	0.1 U	0.5 U	Both ND	--
Cobalt	12.4	20 U	hit < RL	< 2xRL
Cobalt [dissolved]	11.4	20 U	hit < RL	< 2xRL
Copper	5.5	10 U	hit < RL	< 2xRL
Copper [dissolved]	2.7 U	10	hit > RL	> 2xRL
Cyclohexane	NA	0.5 U	--	--
Dibromochloromethane	0.1 U	0.5 U	Both ND	--
Dichlorodifluoromethane	0.1 U	0.5 U	Both ND	--
Ethylbenzene	0.1 U	0.5 U	Both ND	--
Iron	22600	17000	28.3%	--
Iron [dissolved]	4370	17000	118.2%	--
Isopropylbenzene	NA	0.5 U	--	--

Table 2 (Sheet 18 of 69)
Comparison Evaluation - Aqueous Samples
Sample FFT09-6-40-45

	PRP Sample (ug/L)	EPA Split (ug/L)	Relative Percent Difference (RPD)	Absolute Difference (AD)
Lead	6.9 U	8 U	Both ND	--
Lead [dissolved]	6.9 U	8 U	Both ND	--
m,p-Xylene	NA	0.5 U	--	--
Magnesium	2090	1900	9.5%	--
Magnesium [dissolved]	2070	1900	8.6%	--
Manganese	203	190	6.6%	--
Manganese [dissolved]	196	190	3.1%	--
Mercury	0.05 U	0.2 U	Both ND	--
Mercury [dissolved]	0.05 U	0.2 U	Both ND	--
Methyl acetate	0.3 U	0.5 U	Both ND	--
Methyl tert-butyl ether	8.3	9.7	15.6%	--
Methylcyclohexane	NA	0.5 U	--	--
Methylene chloride	0.2 U	0.5 U	Both ND	--
Naphthalene [VOC Fraction]	0.1 U	NA	--	--
Nickel	32.6	31	5.0%	--
Nickel [dissolved]	31.9	31	2.9%	--
o-Xylene	NA	0.5 U	--	--
Potassium	2050	1800	13.0%	--
Potassium [dissolved]	1730	1700	1.7%	--
Selenium	8.9 U	20 U	Both ND	--
Selenium [dissolved]	8.9 U	20 U	Both ND	--
Silver	2.3 U	5 U	Both ND	--
Silver [dissolved]	2.3 U	5 U	Both ND	--
Sodium	11700	11000	6.2%	--
Sodium [dissolved]	11900	11000	7.9%	--
Styrene	0.1 U	0.5 U	Both ND	--
t-Butyl Alcohol	4 U	NA	--	--
Tetrachloroethene	0.1 U	0.5 U	Both ND	--
Thallium	14 U	20 U	Both ND	--
Thallium [dissolved]	14 U	20 U	Both ND	--
Toluene	0.1 U	0.5 U	Both ND	--
trans-1,2-Dichloroethene	0.1 U	0.5 U	Both ND	--
trans-1,3-Dichloropropene	0.1 U	0.5 U	Both ND	--
Trichloroethene	0.2	0.5 U	hit < RL	< 2xRL
Trichlorofluoromethane	0.1 U	0.5 U	Both ND	--
Vanadium	252	190	28.1%	--
Vanadium [dissolved]	2.5 U	190	hit > RL	> 2xRL
Vinyl chloride	0.08 U	0.5 U	Both ND	--
Xylenes, total	0.1 U	0 U	Both ND	--
Zinc	1990	2100	5.4%	--
Zinc [dissolved]	1970	2100	6.4%	--

NOTES:

Agreement between the data sets are shaded in light green, including :

- RPD less than 30% [aqueous] or 50% [solid] for organics
- RPD less than 20% [aqueous] or 35% [solid] for metals
- Both results are non-detects
- One detected result value is at or below the RL of the other sample set
- AD less than two times reporting limit

Unacceptable comparisons are shaded in pink, including:

- RPD greater than 30% [aqueous] or 50% [solid] for organics
- RPD greater than 20% [aqueous] or 35% [solid] for metals
- One detected result value is above the RL of the other sample set
- AD greater than two times reporting limit

Table 2 (Sheet 19 of 69)
Comparison Evaluation - Aqueous Samples
Sample FFT09-8-65-70

	PRP Sample (ug/L)	EPA Split (ug/L)	Relative Percent Difference (RPD)	Absolute Difference (AD)
Aluminum	6960	6500	6.8%	--
Aluminum [dissolved]	6630	6500	2.0%	--
Antimony	10 U	20 U	Both ND	--
Antimony [dissolved]	10 U	20 U	Both ND	--
Arsenic	9.8 U	8 U	Both ND	--
Arsenic [dissolved]	9.8 U	8 U	Both ND	--
Barium	40.1	100 U	hit < RL	< 2xRL
Barium [dissolved]	37.3	100 U	hit < RL	< 2xRL
Beryllium	3.4	3 U	hit > RL	< 2xRL
Beryllium [dissolved]	3.3	3 U	hit > RL	< 2xRL
Cadmium	2 U	3 U	Both ND	--
Cadmium [dissolved]	2 U	3 U	Both ND	--
Calcium	2220	2100	5.6%	--
Calcium [dissolved]	2250	2000	11.8%	--
Chromium	11.1	8.7	24.2%	--
Chromium [dissolved]	5.9	8.1	31.4%	--
Cobalt	13.2	20 U	hit < RL	< 2xRL
Cobalt [dissolved]	12.6	20 U	hit < RL	< 2xRL
Copper	15.1	13	14.9%	--
Copper [dissolved]	9.2	11	17.8%	--
Iron	16500	15000	9.5%	--
Iron [dissolved]	15300	15000	2.0%	--
Lead	6.9 U	8 U	Both ND	--
Lead [dissolved]	6.9 U	8 U	Both ND	--
Magnesium	1520	1500	1.3%	--
Magnesium [dissolved]	1520	1500	1.3%	--
Manganese	160	150	6.5%	--
Manganese [dissolved]	156	150	3.9%	--
MERCURY	0.05 U	0.2 U	Both ND	--
MERCURY [dissolved]	0.05 U	0.2 U	Both ND	--
Nickel	26.5	24	9.9%	--
Nickel [dissolved]	25.9	24	7.6%	--
Potassium	2050	1900	7.6%	--
Potassium [dissolved]	1940	1800	7.5%	--
Selenium	8.9 U	20 U	Both ND	--
Selenium [dissolved]	8.9 U	20 U	Both ND	--
Silver	2.3 U	5 U	Both ND	--
Silver [dissolved]	2.3 U	5 U	Both ND	--
Sodium	15300	15000	2.0%	--
Sodium [dissolved]	15200	14000	8.2%	--
Thallium	14 U	20 U	Both ND	--
Thallium [dissolved]	14 U	20 U	Both ND	--
Vanadium	14.1	20 U	hit < RL	< 2xRL
Vanadium [dissolved]	4.1	20 U	hit < RL	< 2xRL
Zinc	191	190	0.5%	--
Zinc [dissolved]	190	190	0.0%	--

NOTES:

Agreement between the data sets are shaded in light green, including :

- RPD less than 30% [aqueous] or 50% [solid] for organics
- RPD less than 20% [aqueous] or 35% [solid] for metals
- Both results are non-detects
- One detected result value is at or below the RL of the other sample set
- AD less than two times reporting limit

Unacceptable comparisons are shaded in pink, including:

- RPD greater than 30% [aqueous] or 50% [solid] for organics
- RPD greater than 20% [aqueous] or 35% [solid] for metals
- One detected result value is above the RL of the other sample set
- AD greater than two times reporting limit

Table 2 (Sheet 20 of 69)
Comparison Evaluation - Aqueous Samples
Sample FFT09-10-55-60

	PRP Sample (ug/L)	EPA Split (ug/L)	Relative Percent Difference (RPD)	Absolute Difference (AD)
Aluminum	6030	5600	7.4%	--
Aluminum [dissolved]	5760	5700	1.0%	--
Antimony	10 U	20 U	Both ND	--
Antimony [dissolved]	10 U	20 U	Both ND	--
Arsenic	9.8 U	8 U	Both ND	--
Arsenic [dissolved]	9.8 U	8 U	Both ND	--
Barium	82.5	100 U	hit < RL	< 2xRL
Barium [dissolved]	79.5	100 U	hit < RL	< 2xRL
Beryllium	3.2	3 U	hit > RL	< 2xRL
Beryllium [dissolved]	3.2	3 U	hit > RL	< 2xRL
Cadmium	2 U	3 U	Both ND	--
Cadmium [dissolved]	2 U	3 U	Both ND	--
Calcium	7980	7200	10.3%	--
Calcium [dissolved]	7520	7200	4.3%	--
Chromium	5.9	7	17.1%	--
Chromium [dissolved]	3.9	5.9	40.8%	--
Cobalt	26.5	24	9.9%	--
Cobalt [dissolved]	25.5	24	6.1%	--
Copper	2.7 U	10 U	Both ND	--
Copper [dissolved]	2.8	10 U	hit < RL	< 2xRL
Iron	3000	2900	3.4%	--
Iron [dissolved]	2750	2800	1.8%	--
Lead	6.9 U	8 U	Both ND	--
Lead [dissolved]	6.9 U	8 U	Both ND	--
Magnesium	3680	3600	2.2%	--
Magnesium [dissolved]	3730	3600	3.5%	--
Manganese	366	360	1.7%	--
Manganese [dissolved]	365	360	1.4%	--
MERCURY	0.05 U	0.2 U	Both ND	--
MERCURY [dissolved]	0.05 U	0.2 U	Both ND	--
Nickel	29.6	27	9.2%	--
Nickel [dissolved]	28.6	27	5.8%	--
Potassium	2140	2200	2.8%	--
Potassium [dissolved]	2180	2100	3.7%	--
Selenium	8.9 U	20 U	Both ND	--
Selenium [dissolved]	8.9 U	20 U	Both ND	--
Silver	2.3 U	5 U	Both ND	--
Silver [dissolved]	2.3 U	5 U	Both ND	--
Sodium	17200	17000	1.2%	--
Sodium [dissolved]	16000	17000	6.1%	--
Thallium	14 U	20 U	Both ND	--
Thallium [dissolved]	14 U	20 U	Both ND	--
Vanadium	7.7	20 U	hit < RL	< 2xRL
Vanadium [dissolved]	5.1	20 U	hit < RL	< 2xRL
Zinc	203	200	1.5%	--
Zinc [dissolved]	197	200	1.5%	--

NOTES:

Agreement between the data sets are shaded in light green, including :

- RPD less than 30% [aqueous] or 50% [solid] for organics
- RPD less than 20% [aqueous] or 35% [solid] for metals
- Both results are non-detects
- One detected result value is at or below the RL of the other sample set
- AD less than two times reporting limit

Unacceptable comparisons are shaded in pink, including:

- RPD greater than 30% [aqueous] or 50% [solid] for organics
- RPD greater than 20% [aqueous] or 35% [solid] for metals
- One detected result value is above the RL of the other sample set
- AD greater than two times reporting limit

Table 2 (Sheet 21 of 69)
Comparison Evaluation - Aqueous Samples
Sample FFT09-10-67-72

	PRP Sample (ug/L)	EPA Split (ug/L)	Relative Percent Difference (RPD)	Absolute Difference (AD)
1,1,1-Trichloroethane	0.1 U	0.5 U	Both ND	--
1,1,2,2-Tetrachloroethane	0.1 U	0.5 U	Both ND	--
1,1,2-Trichloro-1,2,2-trifluoroethane	NA	0.5 U	--	--
1,1,2-Trichloroethane	0.1 U	0.5 U	Both ND	--
1,1-Dichloroethane	0.1 U	0.5 U	Both ND	--
1,1-Dichloroethene	0.1 U	0.5 U	Both ND	--
1,2,3-Trichlorobenzene	NA	0.5 U	--	--
1,2,4-Trichlorobenzene	0.1 U	0.5 U	Both ND	--
1,2-Dibromo-3-chloropropane	0.0096 U	0.5 U	Both ND	--
1,2-Dibromoethane	0.0096 U	0.5 U	Both ND	--
1,2-Dichlorobenzene	0.1 U	0.5 U	Both ND	--
1,2-Dichloroethane	0.1 U	0.5 U	Both ND	--
1,2-Dichloropropane	0.1 U	0.5 U	Both ND	--
1,3-Dichlorobenzene	0.1 U	0.5 U	Both ND	--
1,4-Dichlorobenzene	0.1 U	0.5 U	Both ND	--
1,4-Dioxane	20 U	NA	--	--
2-Butanone	1 U	5 U	Both ND	--
2-Hexanone	NA	5 U	--	--
4-Methyl-2-pentanone	1 U	5 U	Both ND	--
Acetone	100	66 J	41.0%	--
Acrolein	4 U	NA	--	--
Acrylonitrile	1 U	NA	--	--
Benzene	0.1 U	0.5 U	Both ND	--
Bromochloromethane	NA	0.5 U	--	--
Bromodichloromethane	0.1 U	0.5 U	Both ND	--
Bromoform	0.1 U	0.5 U	Both ND	--
Bromomethane	0.1 U	0.5 U	Both ND	--
Carbon disulfide	1	1.1	9.5%	--
Carbon tetrachloride	0.1 U	0.5 U	Both ND	--
Chlorobenzene	0.1 U	0.5 U	Both ND	--
Chloroethane	0.1 U	0.5 U	Both ND	--
Chloroform	0.1 U	0.5 U	Both ND	--
Chloromethane	0.2 U	0.5 U	Both ND	--
cis-1,2-Dichloroethene	0.1 U	0.5 U	Both ND	--
cis-1,3-Dichloropropene	0.1 U	0.5 U	Both ND	--
Cyclohexane	NA	0.5 U	--	--
Dibromochloromethane	0.1 U	0.5 U	Both ND	--
Dichlorodifluoromethane	0.1 U	0.5 U	Both ND	--
Ethylbenzene	0.1 U	0.5 U	Both ND	--
Isopropyl alcohol	NA	13 NJ	--	--
Isopropylbenzene	NA	0.5 U	--	--
m,p-Xylene	NA	0.5 U	--	--
Methyl acetate	0.3 U	4.3	hit > RL	> 2xRL
Methyl tert-butyl ether	3.9	4.1	5.0%	--
Methylcyclohexane	NA	0.5 U	--	--
Methylene chloride	0.2 U	0.5 U	Both ND	--
Naphthalene [VOC Fraction]	0.1 U	NA	--	--
o-Xylene	NA	0.5 U	--	--
Propane-1,1-diol dipropanoate	NA	0.6 NJ	--	--
Styrene	0.1 U	0.5 U	Both ND	--
t-Butyl Alcohol	12	NA	--	--
Tetrachloroethene	0.1 U	0.5 U	Both ND	--
Toluene	0.1 U	0.5 U	Both ND	--
trans-1,2-Dichloroethene	0.1 U	0.5 U	Both ND	--
trans-1,3-Dichloropropene	0.1 U	0.5 U	Both ND	--
Trichloroethene	0.1 U	0.5 U	Both ND	--
Trichlorofluoromethane	0.1 U	0.5 U	Both ND	--
Vinyl chloride	0.08 U	0.5 U	Both ND	--
Xylenes, total	0.1 U	0.5 U	Both ND	--

NOTES:
Agreement between the data sets are shaded in light green, including :

Table 2 (Sheet 22 of 69)
Comparison Evaluation - Aqueous Samples
Sample FFT09-10-67-72

	PRP Sample (ug/L)	EPA Split (ug/L)	Relative Percent Difference (RPD)	Absolute Difference (AD)

- RPD less than 30% [aqueous] or 50% [solid] for organics
- RPD less than 20% [aqueous] or 35% [solid] for metals
- Both results are non-detects
- One detected result value is at or below the RL of the other sample set
- AD less than two times reporting limit

Unacceptable comparisons are shaded in pink, including:

- RPD greater than 30% [aqueous] or 50% [solid] for organics
- RPD greater than 20% [aqueous] or 35% [solid] for metals
- One detected result value is above the RL of the other sample set
- AD greater than two times reporting limit

Table 2 (Sheet 23 of 69)
Comparison Evaluation - Aqueous Samples
Sample GP-08-25-30

	PRP Sample (ug/L)	EPA Split (ug/L)	Relative Percent Difference (RPD)	Absolute Difference (AD)
1,1,1-Trichloroethane	0.47 U	0.5 U	Both ND	--
1,1,1,2-Tetrachloroethane	0.62 U	NA	--	--
1,1,2,2-Tetrachloroethane	1.45	0.5 U	hit > RL	< 2xRL
1,1,2-Trichloro-1,2,2-trifluoroethane	NA	0.5 U	--	--
1,1,2-Trichloroethane	0.76 U	0.5 U	Both ND	--
1,1-Dichloroethane	0.25 U	0.5 U	Both ND	--
1,1-Dichloroethene	0.86 U	0.5 U	Both ND	--
1,1-Dichloropropylene	0.6 U	NA	--	--
1,2,3-Trichlorobenzene	0.43 U	0.5 U	Both ND	--
1,2,3-Trichloropropane	1.01 U	NA	--	--
1,2,4-Trichlorobenzene	0.57 U	8.1	hit > RL	> 2xRL
1,2,4-Trimethylbenzene	0.38 U	NA	--	--
1,2-Dibromo-3-chloropropane	2.65 U	0.5 U	Both ND	--
1,2-Dibromoethane	0.89 U	0.5 U	Both ND	--
1,2-Dichlorobenzene	0.3 U	2.8	hit > RL	> 2xRL
1,2-Dichloroethane	0.56 U	1.4	hit > RL	< 2xRL
1,2-Dichloropropane	0.63 U	0.5 U	Both ND	--
1,3,5-Trimethylbenzene	0.49 U	NA	--	--
1,3-Dichlorobenzene	0.36 U	2.2	hit > RL	> 2xRL
1,3-Dichloropropane	0.57 U	NA	--	--
1,4-Dichlorobenzene	0.52 U	4.6	hit > RL	> 2xRL
1-Chlorobutane	0.58 U	NA	--	--
2,2-Dichloropropane	0.56 U	NA	--	--
2-Butanone	2.23 U	5 U	Both ND	--
2-Chlorotoluene	0.61 U	NA	--	--
2-Hexanone	0.62 U	5 U	Both ND	--
3-Chloropropene	1.48 U	NA	--	--
4-Methyl-2-pentanone	0.7 U	5 U	Both ND	--
Acetone	3.97 U	5 U	Both ND	--
Acrylonitrile	1.75 U	NA	--	--
Benzene	0.34 U	1	hit > RL	< 2xRL
Benzene, 1,3-dichloro-5-methyl	NA	1.2 NJ	--	--
Bromobenzene	0.82 U	NA	--	--
Bromochloromethane	1.67 U	0.5 U	Both ND	--
Bromodichloromethane	0.42 U	0.5 U	Both ND	--
Bromoform	0.47 U	0.5 U	Both ND	--
Bromomethane	0.89 U	0.5 U	Both ND	--
Carbon disulfide	0.62 U	1.8	hit > RL	< 2xRL
Carbon tetrachloride	0.52 U	0.5 U	Both ND	--
Carbonyl sulfide	NA	1.9 NJ	--	--
Chlorobenzene	0.49 U	10	hit > RL	> 2xRL
Chloroethane	1.03 U	0.5 U	Both ND	--
Chloroform	0.4 U	0.5 U	Both ND	--
Chloromethane	0.59 U	0.5 U	Both ND	--
cis-1,2-Dichloroethene	0.74 U	0.5 U	Both ND	--
cis-1,3-Dichloropropene	0.42 U	0.5 U	Both ND	--
Cyclohexane	NA	0.5 U	--	--
Dibromochloromethane	0.51 U	0.5 U	Both ND	--
Dichlorodifluoromethane	0.56 U	0.5 U	Both ND	--
Diethyl ether	0.87 U	NA	--	--
Ethyl methacrylate	0.58 U	NA	--	--
Ethylbenzene	0.39 U	0.5 U	Both ND	--
Hexachlorobutadiene	0.55 U	NA	--	--
Hexachloroethane	1.16 U	NA	--	--
Isopropylbenzene	0.31 U	0.5 U	Both ND	--
m,p-Xylene	NA	0.5 U	--	--
Methacrylonitrile	2.13 U	NA	--	--
Methyl acetate	NA	29	--	--
Methyl acrylate	0.78 U	NA	--	--
Methyl iodide	2.47 U	NA	--	--
Methyl methacrylate	0.9 U	NA	--	--
Methyl tert-butyl ether	9.94	33	107.4%	--

Table 2 (Sheet 24 of 69)
Comparison Evaluation - Aqueous Samples
Sample GP-08-25-30

	PRP Sample (ug/L)	EPA Split (ug/L)	Relative Percent Difference (RPD)	Absolute Difference (AD)
Methylcyclohexane	NA	0.5 U	--	--
Methylene bromide	0.71 U	NA	--	--
Methylene chloride	1.3 U	0.5 U	Both ND	--
Naphthalene [VOC Fraction]	0.97 U	NA	--	--
n-Butylbenzene	0.22 U	NA	--	--
n-Propylbenzene	0.35 U	NA	--	--
o-Xylene	0.78 U	0.5 U	Both ND	--
p-Chlorotoluene	0.56 U	NA	--	--
Pentachloroethane	1.78 U	NA	--	--
p-Isopropyltoluene	0.33 U	NA	--	--
Propanenitrile	5.41 U	NA	--	--
sec-Butylbenzene	0.43 U	NA	--	--
Styrene	0.55 U	0.5 U	Both ND	--
tert-Butylbenzene	0.43 U	NA	--	--
Tetrachloroethene	0.75 U	0.5 U	Both ND	--
Tetrahydrofuran	5.9 U	NA	--	--
Toluene	0.43 U	0.5 U	Both ND	--
trans-1,2-Dichloroethene	0.82 U	0.5 U	Both ND	--
trans-1,3-Dichloropropene	0.3 U	0.5 U	Both ND	--
trans-1,4-Dichloro-2-butene	1.17 U	NA	--	--
Trichloroethene	0.46 U	0.5 U	Both ND	--
Trichlorofluoromethane	0.53 U	0.5 U	Both ND	--
Vinyl chloride	1.43 U	0.5 U	Both ND	--
Xylenes, total	0.98 U	0.5 U	Both ND	--

NOTES:

Agreement between the data sets are shaded in light green, including :

- RPD less than 30% [aqueous] or 50% [solid] for organics
- RPD less than 20% [aqueous] or 35% [solid] for metals
- Both results are non-detects
- One detected result value is at or below the RL of the other sample set
- AD less than two times reporting limit

Unacceptable comparisons are shaded in pink, including:

- RPD greater than 30% [aqueous] or 50% [solid] for organics
- RPD greater than 20% [aqueous] or 35% [solid] for metals
- One detected result value is above the RL of the other sample set
- AD greater than two times reporting limit

Table 2 (Sheet 25 of 69)
Comparison Evaluation - Aqueous Samples
Sample EPA-3 03-16-2011

	PRP Sample (ug/L)	EPA Split (ug/L)	Relative Percent Difference (RPD)	Absolute Difference (AD)
1,1,1-Trichloroethane	0.1 U	0.5 U	Both ND	--
1,1,2,2-Tetrachloroethane	0.1	0.5 U	hit < RL	< 2xRL
1,1,2-Trichloro-1,2,2-trifluoroethane	NA	0.5 U	--	--
1,1,2-Trichloroethane	0.1 U	0.5 U	Both ND	--
1,1-Dichloroethane	0.1 U	0.5 U	Both ND	--
1,1-Dichloroethene	0.1 U	0.5 U	Both ND	--
1,2,3-Trichlorobenzene	NA	0.5 U	--	--
1,2,4-Trichlorobenzene	0.2	0.5 U	hit < RL	< 2xRL
1,2-Dibromo-3-chloropropane	0.2 U	0.5 U	Both ND	--
1,2-Dibromoethane	0.1 U	0.5 U	Both ND	--
1,2-Dichlorobenzene	0.5	0.5 U	hit = RL	< 2xRL
1,2-Dichloroethane	0.6	0.66	9.5%	--
1,2-Dichloropropane	0.1 U	0.5 U	Both ND	--
1,3-Dichlorobenzene	0.4	0.5 U	hit < RL	< 2xRL
1,4-Dichlorobenzene	1.1	0.9	20.0%	--
1,4-Dioxane	20 U	NA	--	--
2-Butanone	1 U	5 U	Both ND	--
2-Hexanone	NA	5 U	--	--
4-Methyl-2-pentanone	1 U	5 U	Both ND	--
Acetone	6.5	5 U	hit > RL	< 2xRL
Acrolein	4 U	NA	--	--
Acrylonitrile	1 U	NA	--	--
Benzene	0.6	0.65	8.0%	--
Bromochloromethane	NA	0.5 U	--	--
Bromodichloromethane	0.1 U	0.5 U	Both ND	--
Bromoform	0.1 U	0.5 U	Both ND	--
Bromomethane	0.1 U	0.5 U	Both ND	--
Carbon disulfide	0.4 U	0.5 U	Both ND	--
Carbon tetrachloride	0.1 U	0.5 U	Both ND	--
Chlorobenzene	6.5	6.3	3.1%	--
Chloroethane	0.1 U	0.5 U	Both ND	--
Chloroform	0.1 U	0.5 U	Both ND	--
Chloromethane	0.2 U	0.5 U	Both ND	--
cis-1,2-Dichloroethene	0.2	0.5 U	hit < RL	< 2xRL
cis-1,3-Dichloropropene	0.1 U	0.5 U	Both ND	--
Cyclohexane	NA	0.5 U	--	--
Dibromochloromethane	0.1 U	0.5 U	Both ND	--
Dichlorodifluoromethane	0.1 U	0.5 U	Both ND	--
Ethylbenzene	0.1 U	0.5 U	Both ND	--
Isopropyl alcohol	NA	4.8 NJ	--	--
Isopropylbenzene	NA	0.5 U	--	--
m,p-Xylene	NA	0.5 U	--	--
Methyl acetate	0.3 U	1 U	Both ND	--
Methyl tert-butyl ether	16	16	0.0%	--
Methylcyclohexane	NA	0.5 U	--	--
Methylene chloride	0.2 U	0.5 U	Both ND	--
Naphthalene [VOC Fraction]	0.1 U	NA	--	--
o-Xylene	NA	0.5 U	--	--
Styrene	0.1 U	0.5 U	Both ND	--
t-Butyl Alcohol	4 U	NA	--	--
Tetrachloroethene	0.1 U	0.5 U	Both ND	--
Toluene	0.1 U	0.5 U	Both ND	--
trans-1,2-Dichloroethene	0.1 U	0.5 U	Both ND	--
trans-1,3-Dichloropropene	0.1 U	1 U	Both ND	--
Trichloroethene	0.2	0.5 U	hit < RL	< 2xRL
Trichlorofluoromethane	0.1 U	0.5 U	Both ND	--
Vinyl chloride	0.08 U	0.5 U	Both ND	--
Xylenes, total	0.1 U	0.5 U	Both ND	--

NOTES:

Agreement between the data sets are shaded in light green, including :

- RPD less than 30% [aqueous] or 50% [solid] for organics

Table 2 (Sheet 26 of 69)
Comparison Evaluation - Aqueous Samples
Sample EPA-3 03-16-2011

	PRP Sample (ug/L)	EPA Split (ug/L)	Relative Percent Difference (RPD)	Absolute Difference (AD)

- RPD less than 20% [aqueous] or 35% [solid] for metals
- Both results are non-detects
- One detected result value is at or below the RL of the other sample set
- AD less than two times reporting limit

Unacceptable comparisons are shaded in pink, including:

- RPD greater than 30% [aqueous] or 50% [solid] for organics
- RPD greater than 20% [aqueous] or 35% [solid] for metals
- One detected result value is above the RL of the other sample set
- AD greater than two times reporting limit

Table 2 (Sheet 27 of 69)
Comparison Evaluation - Aqueous Samples
Sample KA-2D

	PRP Sample (ug/L)	EPA Split (ug/L)	Relative Percent Difference (RPD)	Absolute Difference (AD)
Aluminum	576	510	12.2%	--
Aluminum [dissolved]	534	500	6.6%	--
Antimony	10 U	20 U	Both ND	--
Antimony [dissolved]	10 U	20 U	Both ND	--
Arsenic	9.8 U	8 U	Both ND	--
Arsenic [dissolved]	9.8 U	8 U	Both ND	--
Barium	43.5	100 U	hit < RL	< 2xRL
Barium [dissolved]	42.4	100 U	hit < RL	< 2xRL
Beryllium	1.4 U	3 U	Both ND	--
Beryllium [dissolved]	1.4 U	3 U	Both ND	--
Cadmium	2.7	3 U	hit < RL	< 2xRL
Cadmium [dissolved]	3	3 U	hit < RL	< 2xRL
Calcium	4790	4500	6.2%	--
Calcium [dissolved]	4600	4500	2.2%	--
Chromium	8.6	5 U	hit > RL	< 2xRL
Chromium [dissolved]	3.4 U	5 U	Both ND	--
Cobalt	8.4	20 U	hit < RL	< 2xRL
Cobalt [dissolved]	7.7	20 U	hit < RL	< 2xRL
Copper	7	10 U	hit < RL	< 2xRL
Copper [dissolved]	5.1	10 U	hit < RL	< 2xRL
Iron	5090	4700	8.0%	--
Iron [dissolved]	5000	4600	8.3%	--
Lead	6.9 U	8 U	Both ND	--
Lead [dissolved]	6.9 U	8 U	Both ND	--
Magnesium	2090	2100	0.5%	--
Magnesium [dissolved]	2060	2100	1.9%	--
Manganese	141	140	0.7%	--
Manganese [dissolved]	139	140	0.7%	--
MERCURY	0.05 U	0.2 U	Both ND	--
MERCURY [dissolved]	0.05 U	0.2 U	Both ND	--
Nickel	40.7	34	17.9%	--
Nickel [dissolved]	33.5	34	1.5%	--
Potassium	1850	1700	8.5%	--
Potassium [dissolved]	1780	1700	4.6%	--
Selenium	8.9 U	20 U	Both ND	--
Selenium [dissolved]	8.9 U	20 U	Both ND	--
Silver	2.3 U	5 U	Both ND	--
Silver [dissolved]	2.3 U	5 U	Both ND	--
Sodium	29800	28000	6.2%	--
Sodium [dissolved]	27800	27000	2.9%	--
Thallium	14 U	20 U	Both ND	--
Thallium [dissolved]	14 U	20 U	Both ND	--
Vanadium	2.5 U	20 U	Both ND	--
Vanadium [dissolved]	2.5 U	20 U	Both ND	--
Zinc	3200 J	3300	3.1%	--
Zinc [dissolved]	3150	3300	4.7%	--

NOTES:

Agreement between the data sets are shaded in light green, including :

- RPD less than 30% [aqueous] or 50% [solid] for organics
- RPD less than 20% [aqueous] or 35% [solid] for metals
- Both results are non-detects
- One detected result value is at or below the RL of the other sample set
- AD less than two times reporting limit

Unacceptable comparisons are shaded in pink, including:

- RPD greater than 30% [aqueous] or 50% [solid] for organics
- RPD greater than 20% [aqueous] or 35% [solid] for metals
- One detected result value is above the RL of the other sample set
- AD greater than two times reporting limit

Table 2 (Sheet 28 of 69)
Comparison Evaluation - Aqueous Samples
Sample KA-7D

	PRP Sample (ug/L)	EPA Split (ug/L)	Relative Percent Difference (RPD)	Absolute Difference (AD)
1,1,1-Trichloroethane	0.1 U	0.5 U	Both ND	--
1,1,2,2-Tetrachloroethane	0.1 U	0.5 U	Both ND	--
1,1,2-Trichloro-1,2,2-trifluoroethane	NA	0.5 U	--	--
1,1,2-Trichloroethane	0.1 U	0.5 U	Both ND	--
1,1-Dichloroethane	0.1 U	0.5 U	Both ND	--
1,1-Dichloroethene	0.1 U	0.5 U	Both ND	--
1,2,3-Trichlorobenzene	NA	0.5 U	--	--
1,2,4-Trichlorobenzene	0.1 U	0.5 U	Both ND	--
1,2-Dibromo-3-chloropropane	0.2 U	0.5 U	Both ND	--
1,2-Dibromoethane	0.1 U	0.5 U	Both ND	--
1,2-Dichlorobenzene	0.1 U	0.5 U	Both ND	--
1,2-Dichloroethane	0.1 U	0.5 U	Both ND	--
1,2-Dichloropropane	0.1 U	0.5 U	Both ND	--
1,3-Dichlorobenzene	0.1 U	0.5 U	Both ND	--
1,4-Dichlorobenzene	0.1 U	0.5 U	Both ND	--
1,4-Dioxane	20 U	NA	--	--
2-Butanone	1 U	5 U	Both ND	--
2-Hexanone	NA	5 U	--	--
4-Methyl-2-pentanone	1 U	5 U	Both ND	--
Acetone	3.3	5 U	hit < RL	< 2xRL
Acrolein	4 U	NA	--	--
Acrylonitrile	1 U	NA	--	--
Aluminum	1230	1200	2.5%	--
Aluminum [dissolved]	790	1100	32.8%	--
Antimony	10 U	20 U	Both ND	--
Antimony [dissolved]	10 U	20 U	Both ND	--
Arsenic	9.8 U	8 U	Both ND	--
Arsenic [dissolved]	9.8 U	8 U	Both ND	--
Barium	73.3	100 U	hit < RL	< 2xRL
Barium [dissolved]	75	100 U	hit < RL	< 2xRL
Benzene	0.1 U	0.5 U	Both ND	--
Beryllium	1.4 U	3 U	Both ND	--
Beryllium [dissolved]	1.4 U	3 U	Both ND	--
Bromochloromethane	NA	0.5 U	--	--
Bromodichloromethane	0.1 U	0.5 U	Both ND	--
Bromoform	0.1 U	0.5 U	Both ND	--
Bromomethane	0.1 U	0.5 U	Both ND	--
Cadmium	4.1	4.8	15.7%	--
Cadmium [dissolved]	4.4	4.2	4.7%	--
Calcium	7180	7000	2.5%	--
Calcium [dissolved]	7240	6800	6.3%	--
Carbon disulfide	0.4 U	0.5 U	Both ND	--
Carbon tetrachloride	0.1 U	0.5 U	Both ND	--
Chlorobenzene	0.1 U	0.5 U	Both ND	--
Chloroethane	0.1 U	0.5 U	Both ND	--
Chloroform	0.1 U	0.5 U	Both ND	--
Chloromethane	0.2 U	0.5 U	Both ND	--
Chromium	3.4 U	5 U	Both ND	--
Chromium [dissolved]	3.4 U	5 U	Both ND	--
cis-1,2-Dichloroethene	0.1 U	0.5 U	Both ND	--
cis-1,3-Dichloropropene	0.1 U	0.5 U	Both ND	--
Cobalt	11.1	20 U	hit < RL	< 2xRL
Cobalt [dissolved]	10.6	20 U	hit < RL	< 2xRL
Copper	10	10 U	hit < RL	< 2xRL
Copper [dissolved]	7.9	10 U	hit < RL	< 2xRL
Cyclohexane	NA	0.5 U	--	--
Dibromochloromethane	0.1 U	0.5 U	Both ND	--
Dichlorodifluoromethane	0.1 U	0.5 U	Both ND	--
Ethylbenzene	0.1 U	0.5 U	Both ND	--
Iron	3380	3400	0.6%	--
Iron [dissolved]	2460	3200	26.1%	--
Isopropyl Alcohol	NA	1.9 NJ	--	--

Table 2 (Sheet 29 of 69)
Comparison Evaluation - Aqueous Samples
Sample KA-7D

	PRP Sample (ug/L)	EPA Split (ug/L)	Relative Percent Difference (RPD)	Absolute Difference (AD)
Isopropylbenzene	NA	0.5 U	--	--
Lead	6.9 U	8 U	Both ND	--
Lead [dissolved]	6.9 U	8 U	Both ND	--
m,p-Xylene	NA	0.5 U	--	--
Magnesium	2960	3100	4.6%	--
Magnesium [dissolved]	3030	3000	1.0%	--
Manganese	165	170	3.0%	--
Manganese [dissolved]	166	170	2.4%	--
Mercury	0.05 U	0.2 U	Both ND	--
Mercury [dissolved]	0.05 U	0.2 U	Both ND	--
Methyl acetate	0.3 U	1 U	Both ND	--
Methyl tert-butyl ether	0.1 U	0.5 U	Both ND	--
Methylcyclohexane	NA	0.5 U	--	--
Methylene chloride	0.2 U	0.5 U	Both ND	--
Naphthalene [VOC Fraction]	0.1 U	NA	--	--
Nickel	28.8	28	2.8%	--
Nickel [dissolved]	27	27	0.0%	--
o-Xylene	NA	0.5 U	--	--
Potassium	2150	2100	2.4%	--
Potassium [dissolved]	2180	2000	8.6%	--
Selenium	8.9 U	20 U	Both ND	--
Selenium [dissolved]	8.9 U	20 U	Both ND	--
Silver	2.3 U	5 U	Both ND	--
Silver [dissolved]	2.3 U	5 U	Both ND	--
Sodium	26600	26000	2.3%	--
Sodium [dissolved]	26300	25000	5.1%	--
Styrene	0.1 U	0.5 U	Both ND	--
t-Butyl Alcohol	9.4	NA	--	--
Tetrachloroethene	0.1 U	0.5 U	Both ND	--
Thallium	14 U	20 U	Both ND	--
Thallium [dissolved]	14 U	20 U	Both ND	--
Toluene	0.1 U	0.5 U	Both ND	--
trans-1,2-Dichloroethene	0.1 U	0.5 U	Both ND	--
trans-1,3-Dichloropropene	0.1 U	1 U	Both ND	--
Trichloroethene	0.1 U	0.5 U	Both ND	--
Trichlorofluoromethane	0.1 U	0.5 U	Both ND	--
Vanadium	2.5 U	20 U	Both ND	--
Vanadium [dissolved]	2.5 U	20 U	Both ND	--
Vinyl chloride	0.08 U	0.5 U	Both ND	--
Xylenes, total	0.1 U	0.5 U	Both ND	--
Zinc	1900 J	2000	5.1%	--
Zinc [dissolved]	1930	1900	1.6%	--

NOTES:

Agreement between the data sets are shaded in light green, including :

- RPD less than 30% [aqueous] or 50% [solid] for organics
- RPD less than 20% [aqueous] or 35% [solid] for metals
- Both results are non-detects
- One detected result value is at or below the RL of the other sample set
- AD less than two times reporting limit

Unacceptable comparisons are shaded in pink, including:

- RPD greater than 30% [aqueous] or 50% [solid] for organics
- RPD greater than 20% [aqueous] or 35% [solid] for metals
- One detected result value is above the RL of the other sample set
- AD greater than two times reporting limit

Table 2 (Sheet 30 of 69)
Comparison Evaluation - Aqueous Samples
Sample MI-2A 03-23-2011

	PRP Sample (ug/L)	EPA Split (ug/L)	Relative Percent Difference (RPD)	Absolute Difference (AD)
1,1,1-Trichloroethane	0.1 U	0.5 U	Both ND	--
1,1,2,2-Tetrachloroethane	0.1 U	0.5 U	Both ND	--
1,1,2-Trichloro-1,2,2-trifluoroethane	NA	0.5 U	--	--
1,1,2-Trichloroethane	0.1 U	0.5 U	Both ND	--
1,1-Dichloroethane	0.1 U	0.5 U	Both ND	--
1,1-Dichloroethene	0.1 U	0.5 U	Both ND	--
1,2,3-Trichlorobenzene	NA	0.5 U	--	--
1,2,4-Trichlorobenzene	0.1 U	0.5 U	Both ND	--
1,2-Dibromo-3-chloropropane	0.2 U	0.5 U	Both ND	--
1,2-Dibromoethane	0.1 U	0.5 U	Both ND	--
1,2-Dichlorobenzene	0.1 U	0.5 U	Both ND	--
1,2-Dichloroethane	0.1 U	0.5 U	Both ND	--
1,2-Dichloropropane	0.1 U	0.5 U	Both ND	--
1,3-Dichlorobenzene	0.1 U	0.5 U	Both ND	--
1,4-Dichlorobenzene	0.1 U	0.5 U	Both ND	--
1,4-Dioxane	20 U	NA	--	--
2-Butanone	1 U	5 U	Both ND	--
2-Hexanone	NA	5 U	--	--
4-Methyl-2-pentanone	1 U	5 U	Both ND	--
Acetone	3 U	5 U	Both ND	--
Acrolein	4 U	NA	--	--
Acrylonitrile	1 U	NA	--	--
Aluminum	3670	1100	107.8%	--
Aluminum [dissolved]	504	1100	74.3%	--
Antimony	10 U	20 U	Both ND	--
Antimony [dissolved]	10 U	20 U	Both ND	--
Arsenic	9.8 U	8 U	Both ND	--
Arsenic [dissolved]	9.8 U	8 U	Both ND	--
Barium	81.2	100 U	hit < RL	< 2xRL
Barium [dissolved]	75.2	100 U	hit < RL	< 2xRL
Benzene	0.1 U	0.5 U	Both ND	--
Beryllium	1.4 U	3 U	Both ND	--
Beryllium [dissolved]	1.4 U	3 U	Both ND	--
Bromochloromethane	NA	0.5 U	--	--
Bromodichloromethane	0.1 U	0.5 U	Both ND	--
Bromoform	0.1 U	0.5 U	Both ND	--
Bromomethane	0.1 U	0.5 U	Both ND	--
Cadmium	5.8	6.1	5.0%	--
Cadmium [dissolved]	6.6	6.6	0.0%	--
Calcium	6650	6700	0.7%	--
Calcium [dissolved]	6980	6900	1.2%	--
Carbon disulfide	0.4 U	0.5 U	Both ND	--
Carbon tetrachloride	0.1 U	0.5 U	Both ND	--
Chlorobenzene	0.1 U	0.5 U	Both ND	--
Chloroethane	0.1 U	0.5 U	Both ND	--
Chloroform	0.2	0.5 U	hit < RL	< 2xRL
Chloromethane	0.2 U	0.5 U	Both ND	--
Chromium	5.8	5 U	hit > RL	< 2xRL
Chromium [dissolved]	3.4 U	5 U	Both ND	--
cis-1,2-Dichloroethene	0.1 U	0.5 U	Both ND	--
cis-1,3-Dichloropropene	0.1 U	0.5 U	Both ND	--
Cobalt	4.8	20 U	hit < RL	< 2xRL
Cobalt [dissolved]	4.8	20 U	hit < RL	< 2xRL
Copper	41.4	38	8.6%	--
Copper [dissolved]	30.2	36	17.5%	--
Cyclohexane	NA	0.5 U	--	--
Dibromochloromethane	0.1 U	0.5 U	Both ND	--
Dichlorodifluoromethane	0.1 U	0.5 U	Both ND	--
Ethylbenzene	0.1 U	0.5 U	Both ND	--
Iron	3220	2600	21.3%	--
Iron [dissolved]	52.2 U	2500	hit > RL	> 2xRL
Isopropyl Alcohol	NA	7.8 NJ	--	--

Table 2 (Sheet 31 of 69)
Comparison Evaluation - Aqueous Samples
Sample MI-2A 03-23-2011

	PRP Sample (ug/L)	EPA Split (ug/L)	Relative Percent Difference (RPD)	Absolute Difference (AD)
Isopropylbenzene	NA	0.5 U	--	--
Lead	6.9 U	8 U	Both ND	--
Lead [dissolved]	6.9 U	8 U	Both ND	--
m,p-Xylene	NA	0.5 U	--	--
Magnesium	2090	2100	0.5%	--
Magnesium [dissolved]	2000	2100	4.9%	--
Manganese	90.5	89	1.7%	--
Manganese [dissolved]	84.8	90	5.9%	--
Mercury	0.05 U	0.2 U	Both ND	--
Mercury [dissolved]	0.05 U	0.2 U	Both ND	--
Methyl acetate	0.3 U	1 U	Both ND	--
Methyl tert-butyl ether	0.1	0.5 U	hit < RL	< 2xRL
Methylcyclohexane	NA	0.5 U	--	--
Methylene chloride	0.2 U	0.5 U	Both ND	--
Naphthalene [VOC Fraction]	0.1 U	NA	--	--
Nickel	12.1	20 U	hit < RL	< 2xRL
Nickel [dissolved]	11.7	20 U	hit < RL	< 2xRL
o-Xylene	NA	0.5 U	--	--
Potassium	2220	1800	20.9%	--
Potassium [dissolved]	1770	1800	1.7%	--
Selenium	8.9 U	20 U	Both ND	--
Selenium [dissolved]	8.9 U	20 U	Both ND	--
Silver	2.3 U	5 U	Both ND	--
Silver [dissolved]	2.3 U	5 U	Both ND	--
Sodium	36000	36000	0.0%	--
Sodium [dissolved]	34900	37000	5.8%	--
Styrene	0.1 U	0.5 U	Both ND	--
t-Butyl Alcohol	4 U	NA	--	--
Tetrachloroethene	0.1 U	0.5 U	Both ND	--
Thallium	14 U	20 U	Both ND	--
Thallium [dissolved]	14 U	20 U	Both ND	--
Toluene	0.1 U	0.5 U	Both ND	--
trans-1,2-Dichloroethene	0.1 U	0.5 U	Both ND	--
trans-1,3-Dichloropropene	0.1 U	1 U	Both ND	--
Trichloroethene	0.1 U	0.5 U	Both ND	--
Trichlorofluoromethane	0.1 U	0.5 U	Both ND	--
Vanadium	7.7	20 U	hit < RL	< 2xRL
Vanadium [dissolved]	2.5 U	20 U	Both ND	--
Vinyl chloride	0.08 U	0.5 U	Both ND	--
Xylenes, total	0.1 U	0.5 U	Both ND	--
Zinc	1780	1900	6.5%	--
Zinc [dissolved]	1970	2000	1.5%	--

NOTES:

Agreement between the data sets are shaded in light green, including :

- RPD less than 30% [aqueous] or 50% [solid] for organics
- RPD less than 20% [aqueous] or 35% [solid] for metals
- Both results are non-detects
- One detected result value is at or below the RL of the other sample set
- AD less than two times reporting limit

Unacceptable comparisons are shaded in pink, including:

- RPD greater than 30% [aqueous] or 50% [solid] for organics
- RPD greater than 20% [aqueous] or 35% [solid] for metals
- One detected result value is above the RL of the other sample set
- AD greater than two times reporting limit

Table 2 (Sheet 32 of 69)
Comparison Evaluation - Aqueous Samples
Sample IRM-DP-3-30-32

	PRP Sample (ug/L)	EPA Split (ug/L)	Relative Percent Difference (RPD)	Absolute Difference (AD)
1,1,1-Trichloroethane	0.1 U	0.5 U	Both ND	--
1,1,2,2-Tetrachloroethane	0.4	0.5 U	hit < RL	< 2xRL
1,1,2-Trichloro-1,2,2-trifluoroethane	NA	0.5 U	--	--
1,1,2-Trichloroethane	0.1 U	0.5 U	Both ND	--
1,1-Dichloroethane	0.1 U	0.5 U	Both ND	--
1,1-Dichloroethene	0.1 U	0.5 U	Both ND	--
1,2,3-Trichlorobenzene	NA	0.5 U	--	--
1,2,4-Trichlorobenzene	0.1 U	0.5 U	Both ND	--
1,2-Dibromo-3-chloropropane	NA	0.5 U	--	--
1,2-Dibromoethane	NA	0.5 U	--	--
1,2-Dichlorobenzene	0.1 U	0.5 U	Both ND	--
1,2-Dichloroethane	2.4	2.6	8.0%	--
1,2-Dichloropropane	0.1 U	0.5 U	Both ND	--
1,3-Dichlorobenzene	0.1 U	0.5 U	Both ND	--
1,4-Dichlorobenzene	0.1 U	0.5 U	Both ND	--
1,4-Dioxane	20 U	NA	--	--
2-Butanone	1 U	5 U	Both ND	--
2-Hexanone	NA	5 U	--	--
4-Methyl-2-pentanone	1 U	5 U	Both ND	--
Acetone	3 U	5 U	Both ND	--
Acrolein	4 U	NA	--	--
Acrylonitrile	1 U	NA	--	--
Benzene	0.1 U	0.5 U	Both ND	--
Bromochloromethane	NA	0.5 U	--	--
Bromodichloromethane	0.1 U	0.5 U	Both ND	--
Bromoform	0.1 U	0.5 U	Both ND	--
Bromomethane	0.1 U	0.5 U	Both ND	--
Carbon disulfide	1	1.5	40.0%	--
Carbon tetrachloride	0.1 U	0.5 U	Both ND	--
Chlorobenzene	0.6	0.71	16.8%	--
Chloroethane	0.1 U	0.5 U	Both ND	--
Chloroform	0.2	0.5 U	hit < RL	< 2xRL
Chloromethane	0.2 U	0.5 U	Both ND	--
cis-1,2-Dichloroethene	0.1 U	0.5 U	Both ND	--
cis-1,3-Dichloropropene	0.1 U	0.5 U	Both ND	--
Cyclohexane	NA	0.5 U	--	--
Dibromochloromethane	0.1 U	0.5 U	Both ND	--
Dichlorodifluoromethane	0.1 U	0.5 U	Both ND	--
Ethylbenzene	0.1 U	0.5 U	Both ND	--
Isopropylbenzene	NA	0.5 U	--	--
m,p-Xylene	NA	0.5 U	--	--
Methyl acetate	0.3 U	0.5 U	Both ND	--
Methyl tert-butyl ether	0.5	0.63	23.0%	--
Methylcyclohexane	NA	0.5 U	--	--
Methylene chloride	0.2 U	0.5 U	Both ND	--
Naphthalene [VOC Fraction]	0.1 U	NA	--	--
o-Xylene	NA	0.5 U	--	--
Styrene	0.1 U	0.5 U	Both ND	--
t-Butyl Alcohol	4 U	NA	--	--
Tetrachloroethene	0.1 U	0.5 U	Both ND	--
Toluene	0.1 U	0.5 U	Both ND	--
trans-1,2-Dichloroethene	0.1 U	0.5 U	Both ND	--
trans-1,3-Dichloropropene	0.1 U	0.5 U	Both ND	--
Trichloroethene	0.5	0.58	14.8%	--
Trichlorofluoromethane	0.1 U	0.5 U	Both ND	--
Vinyl chloride	0.08 U	0.5 U	Both ND	--
Xylenes, total	0.1 U	0.5 U	Both ND	--

NOTES:
Agreement between the data sets are shaded in light green, including :

- RPD less than 30% [aqueous] or 50% [solid] for organics
- RPD less than 20% [aqueous] or 35% [solid] for metals

Table 2 (Sheet 33 of 69)
Comparison Evaluation - Aqueous Samples
Sample IRM-DP-3-30-32

	PRP Sample (ug/L)	EPA Split (ug/L)	Relative Percent Difference (RPD)	Absolute Difference (AD)

- Both results are non-detects
- One detected result value is at or below the RL of the other sample set
- AD less than two times reporting limit

Unacceptable comparisons are shaded in pink, including:

- RPD greater than 30% [aqueous] or 50% [solid] for organics
- RPD greater than 20% [aqueous] or 35% [solid] for metals
- One detected result value is above the RL of the other sample set
- AD greater than two times reporting limit

Table 2 (Sheet 34 of 69)
Comparison Evaluation - Aqueous Samples
Sample IRM-DP-4-30-32

	PRP Sample (ug/L)	EPA Split (ug/L)	Relative Percent Difference (RPD)	Absolute Difference (AD)
1,1,1-Trichloroethane	0.1 U	0.5 U	Both ND	--
1,1,2,2-Tetrachloroethane	0.1 U	0.5 U	Both ND	--
1,1,2-Trichloro-1,2,2-trifluoroethane	NA	0.5 U	--	--
1,1,2-Trichloroethane	0.1 U	0.5 U	Both ND	--
1,1-Dichloroethane	0.1	0.5 U	hit < RL	< 2xRL
1,1-Dichloroethene	0.1 U	0.5 U	Both ND	--
1,2,3-Trichlorobenzene	NA	0.5 U	--	--
1,2,4-Trichlorobenzene	0.2	0.5 U	hit < RL	< 2xRL
1,2-Dibromo-3-chloropropane	NA	0.5 U	--	--
1,2-Dibromoethane	NA	0.5 U	--	--
1,2-Dichlorobenzene	0.1 U	0.5 U	Both ND	--
1,2-Dichloroethane	4	4.1 J	2.5%	--
1,2-Dichloropropane	0.1 U	0.5 U	Both ND	--
1,3-Dichlorobenzene	0.1 U	0.5 U	Both ND	--
1,4-Dichlorobenzene	0.1 U	0.5 U	Both ND	--
1,4-Dioxane	20 U	NA	--	--
2-Butanone	1 U	5 U	Both ND	--
2-Hexanone	NA	5 U	--	--
4-Methyl-2-pentanone	1 U	5 U	Both ND	--
Acetone	44	46 J	4.4%	--
Acrolein	4 U	NA	--	--
Acrylonitrile	1 U	NA	--	--
Benzene	0.1 U	0.5 U	Both ND	--
Bromochloromethane	NA	0.5 U	--	--
Bromodichloromethane	0.1 U	0.5 U	Both ND	--
Bromoform	0.1 U	0.5 U	Both ND	--
Bromomethane	0.1 U	0.5 U	Both ND	--
Carbon disulfide	0.6	0.5 U	hit > RL	< 2xRL
Carbon tetrachloride	0.1 U	0.5 U	Both ND	--
Chlorobenzene	0.1 U	0.5 U	Both ND	--
Chloroethane	0.1 U	0.5 U	Both ND	--
Chloroform	0.1	0.5 U	hit < RL	< 2xRL
Chloromethane	0.2 U	0.5 U	Both ND	--
cis-1,2-Dichloroethene	1.1	1.3 J	16.7%	--
cis-1,3-Dichloropropene	0.1 U	0.5 U	Both ND	--
Cyclohexane	NA	0.5 U	--	--
Cyclohexane, 1-methyl-2-propyl	NA	0.56 NJ	--	--
Cyclohexane, propyl-	NA	0.65 NJ	--	--
Cyclooctane, butyl-	NA	0.56 NJ	--	--
Cylcohexane, 1,1,2,3-tetramethyl-	NA	0.86 NJ	--	--
Dibromochloromethane	0.1 U	0.5 U	Both ND	--
Dichlorodifluoromethane	0.1 U	0.5 U	Both ND	--
Ethyl ether	0.1 U	0.5 U	Both ND	--
Ethylbenzene	NA	0.86 NJ	--	--
Isopropylbenzene	NA	0.5 U	--	--
m,p-Xylene	NA	0.5 U	--	--
Methyl acetate	0.3 U	0.5 U	Both ND	--
Methyl tert-butyl ether	0.4	0.5 U	hit < RL	< 2xRL
Methylcyclohexane	NA	0.5 U	--	--
Methylene chloride	0.2 U	0.5 U	Both ND	--
Naphthalene [VOC Fraction]	0.1 U	NA	--	--
Naphthalene, decahydro-, trans-	NA	0.84 NJ	--	--
o-Xylene	NA	0.5 U	--	--
Styrene	0.1 U	0.5 U	Both ND	--
t-Butyl Alcohol	4 U	NA	--	--
Tetrachloroethene	0.1 U	0.5 U	Both ND	--
Toluene	0.1 U	0.5 U	Both ND	--
trans-1,2-Dichloroethene	0.1 U	0.5 U	Both ND	--
trans-1,3-Dichloropropene	0.1 U	0.5 U	Both ND	--
Trichloroethene	0.8	0.92 J	14.0%	--
Trichlorofluoromethane	0.1 U	0.5 U	Both ND	--
Vinyl chloride	0.08 U	0.5 U	Both ND	--

Table 2 (Sheet 35 of 69)
Comparison Evaluation - Aqueous Samples
Sample IRM-DP-4-30-32

	PRP Sample (ug/L)	EPA Split (ug/L)	Relative Percent Difference (RPD)	Absolute Difference (AD)
Xylenes, total	0.1 U	0.5 U	Both ND	--

NOTES:

Agreement between the data sets are shaded in light green, including :

- RPD less than 30% [aqueous] or 50% [solid] for organics
- RPD less than 20% [aqueous] or 35% [solid] for metals
- Both results are non-detects
- One detected result value is at or below the RL of the other sample set
- AD less than two times reporting limit

Unacceptable comparisons are shaded in pink, including:

- RPD greater than 30% [aqueous] or 50% [solid] for organics
- RPD greater than 20% [aqueous] or 35% [solid] for metals
- One detected result value is above the RL of the other sample set
- AD greater than two times reporting limit

Table 2 (Sheet 36 of 69)
Comparison Evaluation - Aqueous Samples
Sample IRM-DP-5-63-65

	PRP Sample (ug/L)	EPA Split (ug/L)	Relative Percent Difference (RPD)	Absolute Difference (AD)
1,1,1-Trichloroethane	0.1 U	0.5 U	Both ND	--
1,1,2,2-Tetrachloroethane	0.1 U	0.5 U	Both ND	--
1,1,2-Trichloro-1,2,2-trifluoroethane	NA	0.5 U	--	--
1,1,2-Trichloroethane	0.1 U	0.5 U	Both ND	--
1,1-Dichloroethane	0.1 U	0.5 U	Both ND	--
1,1-Dichloroethene	1	1.1 J	9.5%	--
1,2,3-Trichlorobenzene	NA	0.67 J	--	--
1,2,4-Trichlorobenzene	2.8	3 J	6.9%	--
1,2-Dibromo-3-chloropropane	NA	0.5 U	--	--
1,2-Dibromoethane	NA	0.5 U	--	--
1,2-Dichlorobenzene	0.1 U	0.5 U	Both ND	--
1,2-Dichloroethane	0.1 U	0.5 U	Both ND	--
1,2-Dichloropropane	0.1 U	0.5 U	Both ND	--
1,3-Dichlorobenzene	0.1 U	0.5 U	Both ND	--
1,4-Dichlorobenzene	0.1	0.5 U	hit < RL	< 2xRL
1,4-Dioxane	20 U	NA	--	--
2(3H)-Furanone, dihydro-3,5-dimethyl-	NA	1.9 NJ	--	--
2-Butanone	1 U	5 U	Both ND	--
2-Hexanone	NA	5 U	--	--
4-Methyl-2-pentanone	1 U	5 U	Both ND	--
Acetone	11	8.3 J	28.0%	--
Acrolein	4 U	NA	--	--
Acrylonitrile	1 U	NA	--	--
Benzene	0.2	0.5 U	hit < RL	< 2xRL
Benzene, 1,2-dichloro-3-methyl-	NA	5.5 NJ	--	--
Bromochloromethane	NA	0.5 U	--	--
Bromodichloromethane	0.1 U	0.5 U	Both ND	--
Bromoform	0.1 U	0.5 U	Both ND	--
Bromomethane	0.1 U	0.5 U	Both ND	--
Carbon disulfide	0.4 U	0.5 U	Both ND	--
Carbon tetrachloride	0.1 U	0.5 U	Both ND	--
Chlorobenzene	1.1	1.2 J	8.7%	--
Chloroethane	0.1 U	0.5 U	Both ND	--
Chloroform	0.2	0.5 U	hit < RL	< 2xRL
Chloromethane	0.2 U	0.5 U	Both ND	--
cis-1,2-Dichloroethene	0.1 U	0.5 U	Both ND	--
cis-1,3-Dichloropropene	0.1 U	0.5 U	Both ND	--
Cyclohexane	NA	0.5 U	--	--
Cyclopropane, 1-ethyl-2-methyl-, cis	NA	1.2 NJ	--	--
Dibromochloromethane	0.1 U	0.5 U	Both ND	--
Dichlorodifluoromethane	0.1 U	0.5 U	Both ND	--
Ethylbenzene	0.1	0.5 U	hit < RL	< 2xRL
Isopropylbenzene	NA	0.5 U	--	--
m,p-Xylene	NA	0.5 U	--	--
Methyl acetate	0.3 U	0.5 U	Both ND	--
Methyl tert-butyl ether	0.1 U	0.5 U	Both ND	--
Methylcyclohexane	NA	0.5 U	--	--
Methylene chloride	0.2 U	0.5 U	Both ND	--
Naphthalene [VOC Fraction]	0.1 U	NA	--	--
o-Xylene	NA	0.5 U	--	--
Propane	NA	5.2 NJ	--	--
Styrene	0.1 U	0.5 U	Both ND	--
t-Butyl Alcohol	4 U	NA	--	--
Tetrachloroethene	0.1 U	0.5 U	Both ND	--
Toluene	0.2	0.5 U	hit < RL	< 2xRL
trans-1,2-Dichloroethene	0.1 U	0.5 U	Both ND	--
trans-1,3-Dichloropropene	0.1 U	0.5 U	Both ND	--
Trichloroethene	0.4	0.53 J	28.0%	--
Trichlorofluoromethane	0.1 U	0.5 U	Both ND	--
Vinyl chloride	0.08 U	0.5 U	Both ND	--
Xylenes, total	0.5	0.5 U	hit = RL	< 2xRL

Table 2 (Sheet 37 of 69)
Comparison Evaluation - Aqueous Samples
Sample IRM-DP-5-63-65

	PRP Sample (ug/L)	EPA Split (ug/L)	Relative Percent Difference (RPD)	Absolute Difference (AD)

NOTES:

Agreement between the data sets are shaded in light green, including :

- RPD less than 30% [aqueous] or 50% [solid] for organics
- RPD less than 20% [aqueous] or 35% [solid] for metals
- Both results are non-detects
- One detected result value is at or below the RL of the other sample set
- AD less than two times reporting limit

Unacceptable comparisons are shaded in pink, including:

- RPD greater than 30% [aqueous] or 50% [solid] for organics
- RPD greater than 20% [aqueous] or 35% [solid] for metals
- One detected result value is above the RL of the other sample set
- AD greater than two times reporting limit

Table 2 (Sheet 38 of 69)
Comparison Evaluation - Aqueous Samples
Sample IRM-DP-6-30-32

	PRP Sample (ug/L)	EPA Split (ug/L)	Relative Percent Difference (RPD)	Absolute Difference (AD)
1,1,1-Trichloroethane	0.1 U	0.5 U	Both ND	--
1,1,2,2-Tetrachloroethane	0.2	0.5 U	hit < RL	< 2xRL
1,1,2-Trichloro-1,2,2-trifluoroethane	NA	0.5 U	--	--
1,1,2-Trichloroethane	0.1 U	0.5 U	Both ND	--
1,1-Dichloroethane	0.4	0.5 U	hit < RL	< 2xRL
1,1-Dichloroethene	0.2	0.5 U	hit < RL	< 2xRL
1,2,3-Trichlorobenzene	NA	0.96 J	--	--
1,2,4-Trichlorobenzene	20	24 J	18.2%	--
1,2-Dibromo-3-chloropropane	NA	0.5 U	--	--
1,2-Dibromoethane	NA	0.5 U	--	--
1,2-Dichlorobenzene	26	35 J	29.5%	--
1,2-Dichloroethane	7.9	8 J	1.3%	--
1,2-Dichloropropane	0.1 U	0.5 U	Both ND	--
1,3-Dichlorobenzene	19	24 J	23.3%	--
1,4-Dichlorobenzene	39	45 J	14.3%	--
1,4-Dioxane	20 U	NA	--	--
2-Butanone	1 U	5 U	Both ND	--
2-Hexanone	NA	5 U	--	--
4-Methyl-2-pentanone	1 U	5 U	Both ND	--
Acetone	820	420 J	64.5%	--
Acrolein	4 U	NA	--	--
Acrylonitrile	1 U	NA	--	--
Benzene	9.8	8.6 J	13.0%	--
Benzene, 1,2-dichloro-3-methyl-	NA	1.5 NJ	--	--
Benzene, 1-chloro-2-methyl-	NA	0.57 NJ	--	--
Bromochloromethane	NA	0.5 U	--	--
Bromodichloromethane	0.1 U	0.5 U	Both ND	--
Bromoform	0.1 U	0.5 U	Both ND	--
Bromomethane	0.1 U	0.5 U	Both ND	--
Carbon disulfide	0.4 U	0.5 U	Both ND	--
Carbon tetrachloride	0.1 U	0.5 U	Both ND	--
Chlorobenzene	86	80 J	7.2%	--
Chloroethane	0.1 U	0.5 U	Both ND	--
Chloroform	0.1	0.5 U	hit < RL	< 2xRL
Chloromethane	0.2 U	0.5 U	Both ND	--
cis-1,2-Dichloroethene	5.3	5.9 J	10.7%	--
cis-1,3-Dichloropropene	0.1 U	0.5 U	Both ND	--
Cyclohexane	NA	0.5 U	--	--
Dibromochloromethane	0.1 U	0.5 U	Both ND	--
Dichlorodifluoromethane	0.1 U	0.5 U	Both ND	--
Ethylbenzene	3.5	4.1 J	15.8%	--
Isopropylbenzene	NA	0.5 U	--	--
m,p-Xylene	NA	2.6 J	--	--
Methyl acetate	0.3 U	0.5 U	Both ND	--
Methyl tert-butyl ether	1.8	2 J	10.5%	--
Methylcyclohexane	NA	2.7 J	--	--
Methylene chloride	0.2 U	0.5 U	Both ND	--
Naphthalene [VOC Fraction]	0.5	NA	--	--
o-Xylene	NA	0.98 J	--	--
Propane	NA	4.3 NJ	--	--
Styrene	0.1 U	0.5 U	Both ND	--
t-Butyl Alcohol	4.8	NA	--	--
Tetrachloroethene	0.1 U	0.5 U	Both ND	--
Toluene	0.5	0.5 U	hit = RL	< 2xRL
trans-1,2-Dichloroethene	0.9	0.86 J	4.5%	--
trans-1,3-Dichloropropene	0.1 U	0.5 U	Both ND	--
Trichloroethene	1.4	1.6 J	13.3%	--
Trichlorofluoromethane	0.1 U	0.5 U	Both ND	--
Vinyl chloride	2.5	3.5 J	33.3%	--
Xylenes, total	3.4	3.58	5.2%	--

NOTES:

Table 2 (Sheet 39 of 69)
Comparison Evaluation - Aqueous Samples
Sample IRM-DP-6-30-32

	PRP Sample (ug/L)	EPA Split (ug/L)	Relative Percent Difference (RPD)	Absolute Difference (AD)

Agreement between the data sets are shaded in light green, including :

- RPD less than 30% [aqueous] or 50% [solid] for organics
- RPD less than 20% [aqueous] or 35% [solid] for metals
- Both results are non-detects
- One detected result value is at or below the RL of the other sample set
- AD less than two times reporting limit

Unacceptable comparisons are shaded in pink, including:

- RPD greater than 30% [aqueous] or 50% [solid] for organics
- RPD greater than 20% [aqueous] or 35% [solid] for metals
- One detected result value is above the RL of the other sample set
- AD greater than two times reporting limit

Table 2 (Sheet 40 of 69)
Comparison Evaluation - Aqueous Samples
Sample IRM-DP-8-55-57

	PRP Sample (ug/L)	EPA Split (ug/L)	Relative Percent Difference (RPD)	Absolute Difference (AD)
1,1,1-Trichloroethane	0.1 U	0.5 U	Both ND	--
1,1,2,2-Tetrachloroethane	0.4	0.5 U	hit < RL	< 2xRL
1,1,2-Trichloro-1,2,2-trifluoroethane	NA	0.5 U	--	--
1,1,2-Trichloroethane	0.1 U	0.5 U	Both ND	--
1,1-Dichloroethane	0.1 U	0.5 U	Both ND	--
1,1-Dichloroethene	1.2	1.3	8.0%	--
1,2,3-Trichlorobenzene	NA	0.5 U	--	--
1,2,4-Trichlorobenzene	0.1 U	0.5 U	Both ND	--
1,2-Dibromo-3-chloropropane	NA	0.5 U	--	--
1,2-Dibromoethane	NA	0.5 U	--	--
1,2-Dichlorobenzene	0.1 U	0.5 U	Both ND	--
1,2-Dichloroethane	0.1	0.5 U	hit < RL	< 2xRL
1,2-Dichloropropane	0.1 U	0.5 U	Both ND	--
1,3-Dichlorobenzene	0.1 U	0.5 U	Both ND	--
1,4-Dichlorobenzene	0.1 U	0.5 U	Both ND	--
1,4-Dioxane	20 U	NA	--	--
2-Butanone	1 U	5 U	Both ND	--
2-Hexanone	NA	5 U	--	--
4-Methyl-2-pentanone	1 U	5 U	Both ND	--
Acetone	3.5	6.5	60.0%	--
Acrolein	4 U	NA	--	--
Acrylonitrile	1 U	NA	--	--
Benzene	0.4	0.5 U	hit < RL	< 2xRL
Bromochloromethane	NA	0.5 U	--	--
Bromodichloromethane	0.1 U	0.5 U	Both ND	--
Bromoform	0.1 U	0.5 U	Both ND	--
Bromomethane	0.1 U	0.5 U	Both ND	--
Carbon disulfide	0.4 U	0.5 U	Both ND	--
Carbon tetrachloride	0.1 U	0.5 U	Both ND	--
Chlorobenzene	0.1 U	0.5 U	Both ND	--
Chloroethane	0.1 U	0.5 U	Both ND	--
Chloroform	0.2	0.5 U	hit < RL	< 2xRL
Chloromethane	0.2 U	0.5 U	Both ND	--
cis-1,2-Dichloroethene	0.1	0.5 U	hit < RL	< 2xRL
cis-1,3-Dichloropropene	0.1 U	0.5 U	Both ND	--
Cyclohexane	NA	0.5 U	--	--
Dibromochloromethane	0.1 U	0.5 U	Both ND	--
Dichlorodifluoromethane	0.1 U	0.5 U	Both ND	--
Ethyl ether	NA	3 NJ	--	--
Ethylbenzene	0.1 U	0.5 U	Both ND	--
Isopropylbenzene	NA	0.5 U	--	--
m,p-Xylene	NA	0.5 U	--	--
Methyl acetate	0.3 U	0.5 U	Both ND	--
Methyl tert-butyl ether	0.7	0.78	10.8%	--
Methylcyclohexane	NA	0.5 U	--	--
Methylene chloride	0.2 U	0.5 U	Both ND	--
Naphthalene [VOC Fraction]	0.1 U	NA	--	--
o-Xylene	NA	0.5 U	--	--
Styrene	0.1 U	0.5 U	Both ND	--
t-Butyl Alcohol	4 U	NA	--	--
Tetrachloroethene	0.1 U	0.5 U	Both ND	--
Toluene	0.1 U	0.5 U	Both ND	--
trans-1,2-Dichloroethene	0.1 U	0.5 U	Both ND	--
trans-1,3-Dichloropropene	0.1 U	0.5 U	Both ND	--
Trichloroethene	0.5	0.53	5.8%	--
Trichlorofluoromethane	0.1 U	0.5 U	Both ND	--
Vinyl chloride	0.5	0.53 J	5.8%	--
Xylenes, total	0.1 U	0.5 U	Both ND	--

NOTES:
Agreement between the data sets are shaded in light green, including :
- RPD less than 30% [aqueous] or 50% [solid] for organics

Table 2 (Sheet 41 of 69)
Comparison Evaluation - Aqueous Samples
Sample IRM-DP-8-55-57

	PRP Sample (ug/L)	EPA Split (ug/L)	Relative Percent Difference (RPD)	Absolute Difference (AD)

- RPD less than 20% [aqueous] or 35% [solid] for metals
- Both results are non-detects
- One detected result value is at or below the RL of the other sample set
- AD less than two times reporting limit

Unacceptable comparisons are shaded in pink, including:

- RPD greater than 30% [aqueous] or 50% [solid] for organics
- RPD greater than 20% [aqueous] or 35% [solid] for metals
- One detected result value is above the RL of the other sample set
- AD greater than two times reporting limit

Table 2 (Sheet 42 of 69)
Comparison Evaluation - Aqueous Samples
Sample CPS-3A 07-12-2011

	PRP Sample (ug/L)	EPA Split (ug/L)	Relative Percent Difference (RPD)	Absolute Difference (AD)
1,1,1-Trichloroethane	0.5 U	5 U	Both ND	--
1,1,2,2-Tetrachloroethane	3.7	6	47.4%	--
1,1,2-Trichloro-1,2,2-trifluoroethane	NA	5 U	--	--
1,1,2-Trichloroethane	0.5 U	5 U	Both ND	--
1,1-Dichloroethane	0.5 U	5 U	Both ND	--
1,1-Dichloroethene	0.7	5 U	hit < RL	< 2xRL
1,2,3-Trichlorobenzene	NA	64 J	--	--
1,2,4-Trichlorobenzene	170	230	30.0%	--
1,2-Dibromo-3-chloropropane	NA	5 U	--	--
1,2-Dibromoethane	NA	5 U	--	--
1,2-Dichlorobenzene	230	360	44.1%	--
1,2-Dichloroethane	24	36	40.0%	--
1,2-Dichloropropane	0.5 U	5 U	Both ND	--
1,3-Dichlorobenzene	14	23	48.6%	--
1,4-Dichlorobenzene	44	71	47.0%	--
1,4-Dioxane	100 U	NA	--	--
2-Butanone	5 U	50 U	Both ND	--
2-Hexanone	NA	50 U	--	--
4-Methyl-2-pentanone	5 U	50 U	Both ND	--
Acetone	23	50 U	hit < RL	< 2xRL
Acrolein	20 U	NA	--	--
Acrylonitrile	5 U	NA	--	--
Aluminum	6820	7170	5.0%	--
Antimony	5.8 U	60 U	Both ND	--
Arsenic	5.1 U	10 U	Both ND	--
Barium	38.5	23 J	50.4%	< 2xRL
Benzene	86	130	40.7%	--
Benzene, 1,2-dichloro-3-methyl-	NA	60 NJ	--	--
Beryllium	2.1	2.1 J	0.0%	< 2xRL
Bromochloromethane	NA	5 U	--	--
Bromodichloromethane	0.5 U	5 U	Both ND	--
Bromoform	0.5 U	5 U	Both ND	--
Bromomethane	0.5 U	5 U	Both ND	--
Cadmium	0.55	0.52 J	5.6%	< 2xRL
Calcium	14600	15300	4.7%	--
Carbon disulfide	2 U	5 U	Both ND	--
Carbon tetrachloride	0.5 U	5 U	Both ND	--
Chlorobenzene	290	470	47.4%	--
Chloroethane	0.5 U	5 U	Both ND	--
Chloroform	1.2	5 U	hit < RL	< 2xRL
Chloromethane	1 U	5 U	Both ND	--
Chromium	1.2	10 U	hit < RL	< 2xRL
cis-1,2-Dichloroethene	150	220	37.8%	--
cis-1,3-Dichloropropene	0.5 U	5 U	Both ND	--
Cobalt	40.7	41.1 J	1.0%	< 2xRL
Copper	3.8	3.9 J	2.6%	< 2xRL
Cyclohexane	NA	4 J	--	--
Dibromochloromethane	0.5 U	5 U	Both ND	--
Dichlorodifluoromethane	0.5 U	5 U	Both ND	--
Ethylbenzene	38	65	52.4%	--
Iron	5210	5630	7.7%	--
Isopropylbenzene	NA	5 U	--	--
Lead	3.3	1.9 J	53.8%	< 2xRL
m,p-Xylene	NA	180	--	--
Magnesium	5040	5250	4.1%	--
Manganese	513	538	4.8%	--
Mercury	0.026 U	0.2 U	Both ND	--
Methyl acetate	1.5 U	5 U	Both ND	--
Methyl tert-butyl ether	0.9	5 U	hit < RL	< 2xRL
Methylcyclohexane	NA	8.8	--	--
Methylene chloride	2.9	5.1	55.0%	--
Naphthalene [VOC Fraction]	1.3	NA	--	--

Table 2 (Sheet 43 of 69)
Comparison Evaluation - Aqueous Samples
Sample CPS-3A 07-12-2011

	PRP Sample (ug/L)	EPA Split (ug/L)	Relative Percent Difference (RPD)	Absolute Difference (AD)
Nickel	45.7	44.8	2.0%	--
o-Xylene	NA	63	--	--
Potassium	2860	2940 J	2.8%	< 2xRL
Selenium	6.9 U	35 U	Both ND	--
Silver	0.91 U	0.6 J	hit < RL	< 2xRL
Sodium	33800	34400	1.8%	--
Styrene	0.5 U	5 U	Both ND	--
t-Butyl Alcohol	20 U	NA	--	--
Tetrachloroethene	1.3	5 U	hit < RL	< 2xRL
Thallium	4.2 U	25 U	Both ND	--
Toluene	480	740	42.6%	--
trans-1,2-Dichloroethene	14	22	44.4%	--
trans-1,3-Dichloropropene	0.5 U	5 U	Both ND	--
Trichloroethene	4.6	7.2	44.1%	--
Trichlorofluoromethane	0.5 U	5 U	Both ND	--
Unknown-01	NA	97 JB	--	--
Unknown-01	NA	510 DJB	--	--
Vanadium	13.5	14.1 J	4.3%	< 2xRL
Vinyl chloride	18	35 J	64.2%	--
Xylenes, total	150	243	47.3%	--
Zinc	148	157	5.9%	--

NOTES:

Agreement between the data sets are shaded in light green, including :

- RPD less than 30% [aqueous] or 50% [solid] for organics
- RPD less than 20% [aqueous] or 35% [solid] for metals
- Both results are non-detects
- One detected result value is at or below the RL of the other sample set
- AD less than two times reporting limit

Unacceptable comparisons are shaded in pink, including:

- RPD greater than 30% [aqueous] or 50% [solid] for organics
- RPD greater than 20% [aqueous] or 35% [solid] for metals
- One detected result value is above the RL of the other sample set
- AD greater than two times reporting limit

Table 2 (Sheet 44 of 69)
Comparison Evaluation - Aqueous Samples
Sample WCC-5S 07-12-2011

	PRP Sample (ug/L)	EPA Split (ug/L)	Relative Percent Difference (RPD)	Absolute Difference (AD)
1,1,1-Trichloroethane	0.1 U	0.5 U	Both ND	--
1,1,2,2-Tetrachloroethane	0.6	0.5 U	hit > RL	< 2xRL
1,1,2-Trichloro-1,2,2-trifluoroethane	NA	0.5 U	--	--
1,1,2-Trichloroethane	0.2	0.3 J	40.0%	< 2xRL
1,1-Dichloroethane	0.1 U	0.5 U	Both ND	--
1,1-Dichloroethene	0.1 U	0.5 U	Both ND	--
1,2,3-Trichlorobenzene	NA	0.5 UJ	--	--
1,2,4-Trichlorobenzene	0.1	0.5 U	hit < RL	< 2xRL
1,2-Dibromo-3-chloropropane	NA	0.5 U	--	--
1,2-Dibromoethane	NA	0.5 U	--	--
1,2-Dichlorobenzene	0.1 U	0.5 U	Both ND	--
1,2-Dichloroethane	1.2	1.4	15.4%	--
1,2-Dichloropropane	0.1 U	0.5 U	Both ND	--
1,3-Dichlorobenzene	0.1 U	0.5 U	Both ND	--
1,4-Dichlorobenzene	0.1	0.5 U	hit < RL	< 2xRL
1,4-Dioxane	20 U	NA	--	--
2-Butanone	1 U	5 U	Both ND	--
2-Hexanone	NA	5 U	--	--
4-Methyl-2-pentanone	1 U	5 U	Both ND	--
Acetone	3 U	5 U	Both ND	--
Acrolein	4 U	NA	--	--
Acrylonitrile	1 U	NA	--	--
Benzene	0.4	0.5 U	hit < RL	< 2xRL
Bromochloromethane	NA	0.5 U	--	--
Bromodichloromethane	0.1 U	0.5 U	Both ND	--
Bromoform	0.1 U	0.5 U	Both ND	--
Bromomethane	0.1 U	0.5 U	Both ND	--
Carbon disulfide	0.4 U	0.5 U	Both ND	--
Carbon tetrachloride	0.1 U	0.5 U	Both ND	--
Chlorobenzene	1	1.2	18.2%	--
Chloroethane	0.1 U	0.5 U	Both ND	--
Chloroform	0.1 U	0.5 U	Both ND	--
Chloromethane	0.2 U	0.5 U	Both ND	--
cis-1,2-Dichloroethene	1.7	1.9	11.1%	--
cis-1,3-Dichloropropene	0.1 U	0.5 U	Both ND	--
Cyclohexane	NA	0.5 U	--	--
Cyclotrisiloxane, hexamethyl-	NA	7.1 NJ	--	--
Dibromochloromethane	0.1 U	0.5 U	Both ND	--
Dichlorodifluoromethane	0.1 U	0.5 U	Both ND	--
Ethylbenzene	0.1 U	0.5 U	Both ND	--
Isopropylbenzene	NA	0.5 U	--	--
m,p-Xylene	NA	0.5 U	--	--
Methyl acetate	0.3 U	0.5 U	Both ND	--
Methyl tert-butyl ether	8.1	8.7	7.1%	--
Methylcyclohexane	NA	0.5 U	--	--
Methylene chloride	0.2 U	0.5 U	Both ND	--
Naphthalene [VOC Fraction]	0.1 U	NA	--	--
o-Xylene	NA	0.5 U	--	--
Styrene	0.1 U	0.5 U	Both ND	--
t-Butyl Alcohol	4 U	NA	--	--
Tetrachloroethene	0.1 U	0.5 U	Both ND	--
Toluene	0.1 U	0.5 U	Both ND	--
trans-1,2-Dichloroethene	0.4	0.49 J	20.2%	< 2xRL
trans-1,3-Dichloropropene	0.1 U	0.5 U	Both ND	--
Trichloroethene	0.2	0.5 U	hit < RL	< 2xRL
Trichlorofluoromethane	0.1 U	0.5 U	Both ND	--
Unknown-01	NA	10 JB	--	--
Vinyl chloride	0.5	0.5 UJ	hit = RL	< 2xRL
Xylenes, total	0.1 U	0.5 U	Both ND	--

NOTES:
Agreement between the data sets are shaded in light green, including :

Table 2 (Sheet 45 of 69)
Comparison Evaluation - Aqueous Samples
Sample WCC-5S 07-12-2011

	PRP Sample (ug/L)	EPA Split (ug/L)	Relative Percent Difference (RPD)	Absolute Difference (AD)

- RPD less than 30% [aqueous] or 50% [solid] for organics
- RPD less than 20% [aqueous] or 35% [solid] for metals
- Both results are non-detects
- One detected result value is at or below the RL of the other sample set
- AD less than two times reporting limit

Unacceptable comparisons are shaded in pink, including:

- RPD greater than 30% [aqueous] or 50% [solid] for organics
- RPD greater than 20% [aqueous] or 35% [solid] for metals
- One detected result value is above the RL of the other sample set
- AD greater than two times reporting limit

Table 2 (Sheet 46 of 69)
Comparison Evaluation - Aqueous Samples
Sample SRI-14D-4-4-6

	PRP Sample (ug/L)	EPA Split (ug/L)	Relative Percent Difference (RPD)	Absolute Difference (AD)
1,1,1-Trichloroethane	0.1 U	0.5 U	Both ND	--
1,1,2,2-Tetrachloroethane	0.1 U	0.5 U	Both ND	--
1,1,2-Trichloro-1,2,2-trifluoroethane	NA	0.5 U	--	--
1,1,2-Trichloroethane	0.1 U	0.5 U	Both ND	--
1,1-Dichloroethane	0.1 U	0.5 U	Both ND	--
1,1-Dichloroethene	0.1 U	0.5 U	Both ND	--
1,2,3-Trichlorobenzene	NA	0.5 U	--	--
1,2,4-Trichlorobenzene	0.1 U	0.5 U	Both ND	--
1,2-Dibromo-3-chloropropane	NA	0.5 U	--	--
1,2-Dibromoethane	NA	0.5 U	--	--
1,2-Dichlorobenzene	0.1 U	0.5 U	Both ND	--
1,2-Dichloroethane	0.1 U	0.5 U	Both ND	--
1,2-Dichloropropane	0.1 U	0.5 U	Both ND	--
1,3-Dichlorobenzene	0.2	0.5 U	hit < RL	< 2xRL
1,4-Dichlorobenzene	0.6	0.5 U	hit > RL	< 2xRL
1,4-Dioxane	20 U	6.9	hit < RL	< 2xRL
2-Butanone	1 U	5 U	Both ND	--
2-Hexanone	NA	5 U	--	--
4-Methyl-2-pentanone	1 U	5 U	Both ND	--
Acetone	3.9	6.9	55.6%	--
Acrolein	4 U	NA	--	--
Acrylonitrile	1 U	NA	--	--
Benzene	1.1	0.5 U	hit > RL	< 2xRL
Benzene, fluoro-	NA	6.3 NJ	--	--
Bromochloromethane	NA	0.5 U	--	--
Bromodichloromethane	0.1 U	0.5 U	Both ND	--
Bromoform	0.1 U	0.5 U	Both ND	--
Bromomethane	0.1 U	0.5 U	Both ND	--
Carbon disulfide	0.4 U	0.73 J	hit > RL	< 2xRL
Carbon tetrachloride	0.1 U	0.5 U	Both ND	--
Chlorobenzene	3.8	4	5.1%	--
Chloroethane	0.1 U	0.5 U	Both ND	--
Chloroform	0.1 U	0.5 U	Both ND	--
Chloromethane	0.2 U	0.5 U	Both ND	--
cis-1,2-Dichloroethene	0.1	0.5 U	hit < RL	< 2xRL
cis-1,3-Dichloropropene	0.1 U	0.5 U	Both ND	--
Cyclohexane	NA	0.5 U	--	--
Cyclotetrasiloxane, octamethyl-	NA	3.7 NJ	--	--
Cyclotrisiloxane, hexamethyl-	NA	4 NJ	--	--
Dibromochloromethane	0.1 U	0.5 U	Both ND	--
Dichlorodifluoromethane	0.1 U	0.5 U	Both ND	--
Ethylbenzene	0.3	0.33 J	9.5%	< 2xRL
Isopropylbenzene	NA	0.5 U	--	--
m,p-Xylene	NA	1.1	--	--
Methyl acetate	0.3 U	0.5 U	Both ND	--
Methyl tert-butyl ether	0.2	0.5 U	hit < RL	< 2xRL
Methylcyclohexane	NA	0.5 U	--	--
Methylene chloride	0.2 U	0.5 U	Both ND	--
Naphthalene [VOC Fraction]	2.2	NA	--	--
o-Xylene	NA	0.5 U	--	--
Styrene	0.1 U	0.5 U	Both ND	--
t-Butyl Alcohol	4 U	NA	--	--
Tetrachloroethene	0.1 U	0.5 U	Both ND	--
Toluene	0.2	0.5 U	hit < RL	< 2xRL
trans-1,2-Dichloroethene	0.1 U	0.5 U	Both ND	--
trans-1,3-Dichloropropene	0.1 U	0.5 U	Both ND	--
Trichloroethene	0.1 U	0.5 U	Both ND	--
Trichlorofluoromethane	0.1 U	0.5 U	Both ND	--
Unknown-01	NA	21 J	--	--
Vinyl chloride	0.08 U	0.5 U	Both ND	--
Xylenes, total	0.9	1.1	20.0%	--

Table 2 (Sheet 47 of 69)
Comparison Evaluation - Aqueous Samples
Sample SRI-14D-4-4-6

	PRP Sample (ug/L)	EPA Split (ug/L)	Relative Percent Difference (RPD)	Absolute Difference (AD)

NOTES:

Agreement between the data sets are shaded in light green, including :

- RPD less than 30% [aqueous] or 50% [solid] for organics
- RPD less than 20% [aqueous] or 35% [solid] for metals
- Both results are non-detects
- One detected result value is at or below the RL of the other sample set
- AD less than two times reporting limit

Unacceptable comparisons are shaded in pink, including:

- RPD greater than 30% [aqueous] or 50% [solid] for organics
- RPD greater than 20% [aqueous] or 35% [solid] for metals
- One detected result value is above the RL of the other sample set
- AD greater than two times reporting limit

Table 2 (Sheet 48 of 69)
Comparison Evaluation - Aqueous Samples
Sample SRI-14D-7-14-16

	PRP Sample (ug/L)	EPA Split (ug/L)	Relative Percent Difference (RPD)	Absolute Difference (AD)
1,1,1-Trichloroethane	0.1 U	0.5 U	Both ND	--
1,1,2,2-Tetrachloroethane	0.1 U	0.5 U	Both ND	--
1,1,2-Trichloro-1,2,2-trifluoroethane	NA	0.5 U	--	--
1,1,2-Trichloroethane	0.1 U	0.5 U	Both ND	--
1,1-Dichloroethane	0.1 U	0.5 U	Both ND	--
1,1-Dichloroethene	0.1 U	0.5 U	Both ND	--
1,2,3-Trichlorobenzene	NA	0.46 J	--	--
1,2,4-Trichlorobenzene	0.1	0.5 U	hit < RL	< 2xRL
1,2-Dibromo-3-chloropropane	NA	0.5 U	--	--
1,2-Dibromoethane	NA	0.5 U	--	--
1,2-Dichlorobenzene	0.1 U	0.5 U	Both ND	--
1,2-Dichloroethane	0.2	0.5 U	hit < RL	< 2xRL
1,2-Dichloropropane	0.1 U	0.5 U	Both ND	--
1,3-Dichlorobenzene	0.1	0.5 U	hit < RL	< 2xRL
1,4-Dichlorobenzene	0.8	0.8	0.0%	--
1,4-Dioxane	38	3.7	164.5%	--
1-Propene, 2-methyl-	NA	7.1 NJ	--	--
2-Butanone	1 U	5 U	Both ND	--
2-Hexanone	NA	5 U	--	--
4-Methyl-2-pentanone	1 U	5 U	Both ND	--
Acetone	3 U	5 U	Both ND	--
Acrolein	4 U	NA	--	--
Acrylonitrile	1 U	NA	--	--
Benzene	0.1	0.5 U	hit < RL	< 2xRL
Bromochloromethane	NA	0.5 U	--	--
Bromodichloromethane	0.1 U	0.5 U	Both ND	--
Bromoform	0.1 U	0.5 U	Both ND	--
Bromomethane	0.1 U	0.5 U	Both ND	--
Carbon disulfide	2.8	1.8	43.5%	--
Carbon tetrachloride	0.1 U	0.5 U	Both ND	--
Chlorobenzene	0.6	0.7	15.4%	--
Chloroethane	0.1 U	0.5 U	Both ND	--
Chloroform	0.1 U	0.5 U	Both ND	--
Chloromethane	0.2 U	0.5 U	Both ND	--
cis-1,2-Dichloroethene	0.3	0.5 U	hit < RL	< 2xRL
cis-1,3-Dichloropropene	0.1 U	0.5 U	Both ND	--
Cyclohexane	NA	0.5 U	--	--
Cyclotrisiloxane, hexamethyl-	NA	6.8 NJ	--	--
Dibromochloromethane	0.1 U	0.5 U	Both ND	--
Dichlorodifluoromethane	0.1 U	0.5 U	Both ND	--
Ethylbenzene	0.7	0.68	2.9%	--
Isopropylbenzene	NA	0.5 U	--	--
m,p-Xylene	NA	2.7	--	--
Methyl acetate	0.3 U	0.5 U	Both ND	--
Methyl tert-butyl ether	1	1.2	18.2%	--
Methylcyclohexane	NA	0.5 U	--	--
Methylene chloride	0.2 U	0.5 U	Both ND	--
Naphthalene [VOC Fraction]	0.1 U	NA	--	--
Octane, 1-chloro-	NA	77 NJ	--	--
o-Xylene	NA	0.5 U	--	--
Styrene	0.1 U	0.5 U	Both ND	--
t-Butyl Alcohol	4 U	NA	--	--
Tetrachloroethene	0.1 U	0.5 U	Both ND	--
Toluene	0.1	0.5 U	hit < RL	< 2xRL
trans-1,2-Dichloroethene	0.1 U	0.5 U	Both ND	--
trans-1,3-Dichloropropene	0.1 U	0.5 U	Both ND	--
Trichloroethene	0.1 U	0.5 U	Both ND	--
Trichlorofluoromethane	0.1 U	0.5 U	Both ND	--
Unknown-01	NA	21 J	--	--
Unknown-02	NA	11 J	--	--
Vinyl chloride	0.08 U	0.5 U	Both ND	--
Xylenes, total	2.8	2.7	3.6%	--

Table 2 (Sheet 49 of 69)
Comparison Evaluation - Aqueous Samples
Sample SRI-14D-7-14-16

	PRP Sample (ug/L)	EPA Split (ug/L)	Relative Percent Difference (RPD)	Absolute Difference (AD)

NOTES:

Agreement between the data sets are shaded in light green, including :

- RPD less than 30% [aqueous] or 50% [solid] for organics
- RPD less than 20% [aqueous] or 35% [solid] for metals
- Both results are non-detects
- One detected result value is at or below the RL of the other sample set
- AD less than two times reporting limit

Unacceptable comparisons are shaded in pink, including:

- RPD greater than 30% [aqueous] or 50% [solid] for organics
- RPD greater than 20% [aqueous] or 35% [solid] for metals
- One detected result value is above the RL of the other sample set
- AD greater than two times reporting limit

Table 2 (Sheet 50 of 69)
Comparison Evaluation - Aqueous Samples
Sample SRI-14D-9-4-6

	PRP Sample (ug/L)	EPA Split (ug/L)	Relative Percent Difference (RPD)	Absolute Difference (AD)
1,1,1-Trichloroethane	1 U	0.5 U	Both ND	--
1,1,2,2-Tetrachloroethane	1 U	0.5 U	Both ND	--
1,1,2-Trichloro-1,2,2-trifluoroethane	NA	0.5 U	--	--
1,1,2-Trichloroethane	1 U	0.5 U	Both ND	--
1,1-Dichloroethane	1 U	0.5 U	Both ND	--
1,1-Dichloroethene	1 U	0.5 U	Both ND	--
1,2,3-Trichlorobenzene	NA	0.5 U	--	--
1,2,4-Trichlorobenzene	1 U	0.5 U	Both ND	--
1,2-Dibromo-3-chloropropane	NA	0.5 U	--	--
1,2-Dibromoethane	NA	0.5 U	--	--
1,2-Dichlorobenzene	1 U	0.5 U	Both ND	--
1,2-Dichloroethane	1 U	0.5 U	Both ND	--
1,2-Dichloropropane	1 U	0.5 U	Both ND	--
1,3-Dichlorobenzene	1 U	0.5 U	Both ND	--
1,4-Dichlorobenzene	1.1	0.57	63.5%	--
1,4-Dioxane	200 U	5.3	hit < RL	< 2xRL
2-Butanone	10 U	5 U	Both ND	--
2-Hexanone	NA	5 U	--	--
4-Methyl-2-pentanone	10 U	5 U	Both ND	--
Acetone	30 U	4.3 J	hit < RL	< 2xRL
Acrolein	40 U	NA	--	--
Acrylonitrile	10 U	NA	--	--
Benzene	1.2	0.5 U	hit > RL	< 2xRL
Benzene, fluoro-	NA	5.3 NJ	--	--
Bromochloromethane	NA	0.5 U	--	--
Bromodichloromethane	1 U	0.5 U	Both ND	--
Bromoform	1 U	0.5 U	Both ND	--
Bromomethane	1 U	0.5 U	Both ND	--
Carbon disulfide	4 U	0.5 U	Both ND	--
Carbon tetrachloride	1 U	0.5 U	Both ND	--
Chlorobenzene	1.7	1	51.9%	--
Chloroethane	1 U	0.5 U	Both ND	--
Chloroform	1 U	0.5 U	Both ND	--
Chloromethane	2 U	0.5 U	Both ND	--
cis-1,2-Dichloroethene	1 U	0.5 U	Both ND	--
cis-1,3-Dichloropropene	1 U	0.5 U	Both ND	--
Cyclohexane	NA	0.5 U	--	--
Cyclotetrasiloxane, octamethyl-	NA	3.2 NJ	--	--
Cyclotrisiloxane, hexamethyl-	NA	6.8 NJ	--	--
Dibromochloromethane	1 U	0.5 U	Both ND	--
Dichlorodifluoromethane	1 U	0.5 U	Both ND	--
Ethylbenzene	1 U	0.5 U	Both ND	--
Isopropylbenzene	NA	0.5 U	--	--
m,p-Xylene	NA	0.5 U	--	--
Methyl acetate	3 U	0.5 U	Both ND	--
Methyl tert-butyl ether	1 U	0.5 U	Both ND	--
Methylcyclohexane	NA	0.5 U	--	--
Methylene chloride	2 U	0.5 U	Both ND	--
Naphthalene [VOC Fraction]	1 U	NA	--	--
o-Xylene	NA	0.5 U	--	--
Styrene	1 U	0.5 U	Both ND	--
t-Butyl Alcohol	40 U	NA	--	--
Tetrachloroethene	1 U	0.5 U	Both ND	--
Toluene	1 U	0.5 U	Both ND	--
trans-1,2-Dichloroethene	1 U	0.5 U	Both ND	--
trans-1,3-Dichloropropene	1 U	0.5 U	Both ND	--
Trichloroethene	1 U	0.5 U	Both ND	--
Trichlorofluoromethane	1 U	0.5 U	Both ND	--
Unknown-01	NA	24 J	--	--
Unknown-02	NA	1.2 J	--	--
Vinyl chloride	0.8 U	0.5 U	Both ND	--
Xylenes, total	1 U	0.5 U	Both ND	--

Table 2 (Sheet 51 of 69)
Comparison Evaluation - Aqueous Samples
Sample SRI-14D-9-4-6

	PRP Sample (ug/L)	EPA Split (ug/L)	Relative Percent Difference (RPD)	Absolute Difference (AD)

NOTES:

Agreement between the data sets are shaded in light green, including :

- RPD less than 30% [aqueous] or 50% [solid] for organics
- RPD less than 20% [aqueous] or 35% [solid] for metals
- Both results are non-detects
- One detected result value is at or below the RL of the other sample set
- AD less than two times reporting limit

Unacceptable comparisons are shaded in pink, including:

- RPD greater than 30% [aqueous] or 50% [solid] for organics
- RPD greater than 20% [aqueous] or 35% [solid] for metals
- One detected result value is above the RL of the other sample set
- AD greater than two times reporting limit

Table 2 (Sheet 52 of 69)
Comparison Evaluation - Aqueous Samples
Sample SRI-14D-10-14-16

	PRP Sample (ug/L)	EPA Split (ug/L)	Relative Percent Difference (RPD)	Absolute Difference (AD)
1,1,1-Trichloroethane	0.1 U	0.5 U	Both ND	--
1,1,2,2-Tetrachloroethane	0.1 U	0.5 U	Both ND	--
1,1,2-Trichloro-1,2,2-trifluoroethane	NA	0.5 U	--	--
1,1,2-Trichloroethane	0.1 U	0.5 U	Both ND	--
1,1-Dichloroethane	0.1 U	0.5 U	Both ND	--
1,1-Dichloroethene	0.1 U	0.5 U	Both ND	--
1,2,3-Trichlorobenzene	NA	0.5 U	--	--
1,2,4-Trichlorobenzene	0.1 U	0.5 U	Both ND	--
1,2-Dibromo-3-chloropropane	NA	0.5 U	--	--
1,2-Dibromoethane	NA	0.5 U	--	--
1,2-Dichlorobenzene	0.1 U	0.5 U	Both ND	--
1,2-Dichloroethane	0.7	0.8	13.3%	--
1,2-Dichloropropane	0.1 U	0.5 U	Both ND	--
1,3-Dichlorobenzene	0.1 U	0.5 U	Both ND	--
1,4-Dichlorobenzene	0.1 U	0.5 U	Both ND	--
1,4-Dioxane	20 U	2 U	Both ND	--
2-Butanone	1 U	5 U	Both ND	--
2-Hexanone	NA	5 U	--	--
4-Methyl-2-pentanone	1 U	5 U	Both ND	--
Acetone	3 U	5 U	Both ND	--
Acrolein	4 U	NA	--	--
Acrylonitrile	1 U	NA	--	--
Benzene	0.1	0.5 U	hit < RL	< 2xRL
Bromochloromethane	NA	0.5 U	--	--
Bromodichloromethane	0.1 U	0.5 U	Both ND	--
Bromoform	0.1 U	0.5 U	Both ND	--
Bromomethane	0.1 U	0.5 U	Both ND	--
Carbon disulfide	0.5	0.5 U	hit = RL	< 2xRL
Carbon tetrachloride	0.1 U	0.5 U	Both ND	--
Chlorobenzene	0.1 U	0.5 U	Both ND	--
Chloroethane	0.1 U	0.5 U	Both ND	--
Chloroform	0.1 U	0.5 U	Both ND	--
Chloromethane	0.2 U	0.5 U	Both ND	--
cis-1,2-Dichloroethene	0.2	0.32 J	46.2%	< 2xRL
cis-1,3-Dichloropropene	0.1 U	0.5 U	Both ND	--
Cyclohexane	NA	0.5 U	--	--
Cyclotrisiloxane, hexamethyl-	NA	9.5 NJ	--	--
Dibromochloromethane	0.1 U	0.5 U	Both ND	--
Dichlorodifluoromethane	0.1 U	0.5 U	Both ND	--
Ethylbenzene	0.1 U	0.5 U	Both ND	--
Isopropylbenzene	NA	0.5 U	--	--
m,p-Xylene	NA	0.5 U	--	--
Methyl acetate	0.3 U	0.5 U	Both ND	--
Methyl tert-butyl ether	0.4	0.46 J	14.0%	< 2xRL
Methylcyclohexane	NA	0.5 U	--	--
Methylene chloride	0.2 U	0.5 U	Both ND	--
Naphthalene [VOC Fraction]	0.1 U	NA	--	--
o-Xylene	NA	0.5 U	--	--
Styrene	0.1 U	0.5 U	Both ND	--
t-Butyl Alcohol	4 U	NA	--	--
Tetrachloroethene	0.1 U	0.5 U	Both ND	--
Toluene	0.1 U	0.5 U	Both ND	--
trans-1,2-Dichloroethene	0.1 U	0.5 U	Both ND	--
trans-1,3-Dichloropropene	0.1 U	0.5 U	Both ND	--
Trichloroethene	0.3	0.38 J	23.5%	< 2xRL
Trichlorofluoromethane	0.1 U	0.5 U	Both ND	--
Unknown-01	NA	27 J	--	--
Vinyl chloride	0.08 U	0.5 U	Both ND	--
Xylenes, total	0.1 U	0.5 U	Both ND	--

NOTES:
Agreement between the data sets are shaded in light green, including :

Table 2 (Sheet 53 of 69)
Comparison Evaluation - Aqueous Samples
Sample SRI-14D-10-14-16

	PRP Sample (ug/L)	EPA Split (ug/L)	Relative Percent Difference (RPD)	Absolute Difference (AD)

- RPD less than 30% [aqueous] or 50% [solid] for organics
- RPD less than 20% [aqueous] or 35% [solid] for metals
- Both results are non-detects
- One detected result value is at or below the RL of the other sample set
- AD less than two times reporting limit

Unacceptable comparisons are shaded in pink, including:

- RPD greater than 30% [aqueous] or 50% [solid] for organics
- RPD greater than 20% [aqueous] or 35% [solid] for metals
- One detected result value is above the RL of the other sample set
- AD greater than two times reporting limit

Table 2 (Sheet 54 of 69)
Comparison Evaluation - Aqueous Samples
Sample SRI-14D-23-14-16

	PRP Sample (ug/L)	EPA Split (ug/L)	Relative Percent Difference (RPD)	Absolute Difference (AD)
1,1,1-Trichloroethane	0.1 U	0.5 U	Both ND	--
1,1,2,2-Tetrachloroethane	0.1 U	0.5 U	Both ND	--
1,1,2-Trichloro-1,2,2-trifluoroethane	NA	0.5 U	--	--
1,1,2-Trichloroethane	0.1 U	0.5 U	Both ND	--
1,1-Dichloroethane	0.1 U	0.5 U	Both ND	--
1,1-Dichloroethene	0.1 U	0.5 U	Both ND	--
1,2,3-Trichlorobenzene	NA	0.5 U	--	--
1,2,4-Trichlorobenzene	0.1 U	0.5 U	Both ND	--
1,2-Dibromo-3-chloropropane	NA	0.5 U	--	--
1,2-Dibromoethane	NA	0.5 U	--	--
1,2-Dichlorobenzene	0.1 U	0.5 U	Both ND	--
1,2-Dichloroethane	0.4	0.37 J	7.8%	< 2xRL
1,2-Dichloropropane	0.1 U	0.5 U	Both ND	--
1,3-Dichlorobenzene	0.1 U	0.5 U	Both ND	--
1,4-Dichlorobenzene	0.1 U	0.5 U	Both ND	--
1,4-Dioxane	20 U	2 U	Both ND	--
2-Butanone	1 U	5 U	Both ND	--
2-Hexanone	NA	5 U	--	--
4-Methyl-2-pentanone	1 U	5 U	Both ND	--
Acetone	3 U	5 U	Both ND	--
Acrolein	4 U	NA	--	--
Acrylonitrile	1 U	NA	--	--
Benzene	0.1 U	0.5 U	Both ND	--
Bromochloromethane	NA	0.5 U	--	--
Bromodichloromethane	0.1 U	0.5 U	Both ND	--
Bromoform	0.1 U	0.5 U	Both ND	--
Bromomethane	0.1 U	0.5 U	Both ND	--
Carbon disulfide	0.4 U	0.5 U	Both ND	--
Carbon tetrachloride	0.1 U	0.5 U	Both ND	--
Chlorobenzene	0.1 U	0.5 U	Both ND	--
Chloroethane	0.1 U	0.5 U	Both ND	--
Chloroform	0.1 U	0.5 U	Both ND	--
Chloromethane	0.2 U	0.5 U	Both ND	--
cis-1,2-Dichloroethene	0.3	0.34 J	12.5%	< 2xRL
cis-1,3-Dichloropropene	0.1 U	0.5 U	Both ND	--
Cyclohexane	NA	0.5 U	--	--
Cyclotrisiloxane, hexamethyl-	NA	7.8 NJ	--	--
Dibromochloromethane	0.1 U	0.5 U	Both ND	--
Dichlorodifluoromethane	0.1 U	0.5 U	Both ND	--
Ethylbenzene	0.1 U	0.5 U	Both ND	--
Isopropylbenzene	NA	0.5 U	--	--
m,p-Xylene	NA	0.5 U	--	--
Methyl acetate	0.3 U	0.5 U	Both ND	--
Methyl tert-butyl ether	1.8	2	10.5%	--
Methylcyclohexane	NA	0.5 U	--	--
Methylene chloride	0.2 U	0.5 U	Both ND	--
Naphthalene [VOC Fraction]	0.1 U	NA	--	--
o-Xylene	NA	0.5 U	--	--
Styrene	0.1 U	0.5 U	Both ND	--
t-Butyl Alcohol	4 U	NA	--	--
Tetrachloroethene	0.1 U	0.5 U	Both ND	--
Toluene	0.1 U	0.5 U	Both ND	--
trans-1,2-Dichloroethene	0.1 U	0.5 U	Both ND	--
trans-1,3-Dichloropropene	0.1 U	0.5 U	Both ND	--
Trichloroethene	0.1	0.5 U	hit < RL	< 2xRL
Trichlorofluoromethane	0.1 U	0.5 U	Both ND	--
Unknown-01	NA	24 J	--	--
Vinyl chloride	0.08 U	0.5 U	Both ND	--
Xylenes, total	0.1 U	0.5 U	Both ND	--

NOTES:
Agreement between the data sets are shaded in light green, including :

Table 2 (Sheet 55 of 69)
Comparison Evaluation - Aqueous Samples
Sample SRI-14D-23-14-16

	PRP Sample (ug/L)	EPA Split (ug/L)	Relative Percent Difference (RPD)	Absolute Difference (AD)

- RPD less than 30% [aqueous] or 50% [solid] for organics
- RPD less than 20% [aqueous] or 35% [solid] for metals
- Both results are non-detects
- One detected result value is at or below the RL of the other sample set
- AD less than two times reporting limit

Unacceptable comparisons are shaded in pink, including:

- RPD greater than 30% [aqueous] or 50% [solid] for organics
- RPD greater than 20% [aqueous] or 35% [solid] for metals
- One detected result value is above the RL of the other sample set
- AD greater than two times reporting limit

Table 2 (Sheet 56 of 69)
Comparison Evaluation - Aqueous Samples
Sample CPS-6 07-26-2012

	PRP Sample (ug/L)	EPA Split (ug/L)	Relative Percent Difference (RPD)	Absolute Difference (AD)
1,1,1-Trichloroethane	5 U	50 U	Both ND	--
1,1,2,2-Tetrachloroethane	5 U	50 U	Both ND	--
1,1,2-Trichloro-1,2,2-trifluoroethane	NA	50 U	--	--
1,1,2-Trichloroethane	5 U	50 U	Both ND	--
1,1-Dichloroethane	5 U	50 U	Both ND	--
1,1-Dichloroethene	5 U	50 U	Both ND	--
1,2,3-Trichlorobenzene	NA	50 U	--	--
1,2,4-Trichlorobenzene	11	50 U	hit < RL	< 2xRL
1,2-Dibromo-3-chloropropane	NA	50 U	--	--
1,2-Dibromoethane	NA	50 U	--	--
1,2-Dichlorobenzene	23	50 U	hit < RL	< 2xRL
1,2-Dichloroethane	5 U	50 U	Both ND	--
1,2-Dichloropropane	5 U	50 U	Both ND	--
1,3-Dichlorobenzene	19	19 J	0.0%	< 2xRL
1,4-Dichlorobenzene	43	50 U	hit < RL	--
1,4-Dioxane	39	43	9.8%	--
2-Butanone	50 U	500 U	Both ND	--
2-Hexanone	NA	500 U	--	--
4-Methyl-2-pentanone	50 U	500 U	Both ND	--
Acetone	150 U	500 U	Both ND	--
Acrolein	200 U	NA	--	--
Acrylonitrile	50 U	NA	--	--
Benzene	1800	1600	11.8%	--
Benzene, 1-chloro-2-methyl-	NA	270 JN	--	--
Benzene, 1-chloro-3-methyl-	NA	260 JN	--	--
Bromochloromethane	NA	50 U	--	--
Bromodichloromethane	5 U	50 U	Both ND	--
Bromoform	5 U	50 U	Both ND	--
Bromomethane	5 U	50 U	Both ND	--
Carbon disulfide	20 U	50 U	Both ND	--
Carbon tetrachloride	5 U	50 U	Both ND	--
Chlorobenzene	8100	8100	0.0%	--
Chloroethane	5 U	50 U	Both ND	--
Chloroform	5 U	50 U	Both ND	--
Chloromethane	10 U	50 U	Both ND	--
cis-1,2-Dichloroethene	5 U	50 U	Both ND	--
cis-1,3-Dichloropropene	5 U	50 U	Both ND	--
Cyclohexane	NA	37 J	--	--
Dibromochloromethane	5 U	50 U	Both ND	--
Dichlorodifluoromethane	5 U	50 U	Both ND	--
Ethylbenzene	280	250	11.3%	--
Isopropylbenzene	NA	18 J	--	--
m,p-Xylene	NA	770	--	--
Methyl acetate	15 U	50 U	Both ND	--
Methyl tert-butyl ether	5 U	50 U	Both ND	--
Methylcyclohexane	NA	91	--	--
Methylene chloride	10 U	50 U	Both ND	--
Naphthalene [VOC Fraction]	36	NA	--	--
o-Xylene	NA	210	--	--
Styrene	5 U	50 U	Both ND	--
t-Butyl Alcohol	200 U	NA	--	--
Tetrachloroethene	5 U	50 U	Both ND	--
Toluene	4000	3600	10.5%	--
trans-1,2-Dichloroethene	5 U	50 U	Both ND	--
trans-1,3-Dichloropropene	5 U	50 U	Both ND	--
Trichloroethene	5 U	50 U	Both ND	--
Trichlorofluoromethane	5 U	50 U	Both ND	--
Unknown 1-Propene-1,2,3-tricarboxylic a	NA	310 JD	--	--
Unknown 2-Butenal, (E)-	NA	190 J	--	--
Unknown Butane, 1-chloro-	NA	180 J	--	--
Vinyl chloride	4 U	50 U	Both ND	--
Xylenes, total	1200	980	20.2%	--

Table 2 (Sheet 57 of 69)
Comparison Evaluation - Aqueous Samples
Sample CPS-6 07-26-2012

	PRP Sample (ug/L)	EPA Split (ug/L)	Relative Percent Difference (RPD)	Absolute Difference (AD)

NOTES:

Agreement between the data sets are shaded in light green, including :

- RPD less than 30% [aqueous] or 50% [solid] for organics
- RPD less than 20% [aqueous] or 35% [solid] for metals
- Both results are non-detects
- One detected result value is at or below the RL of the other sample set
- AD less than two times reporting limit

Unacceptable comparisons are shaded in pink, including:

- RPD greater than 30% [aqueous] or 50% [solid] for organics
- RPD greater than 20% [aqueous] or 35% [solid] for metals
- One detected result value is above the RL of the other sample set
- AD greater than two times reporting limit

Table 2 (Sheet 58 of 69)
Comparison Evaluation - Aqueous Samples
Sample CPS-7 07-26-2012

	PRP Sample (ug/L)	EPA Split (ug/L)	Relative Percent Difference (RPD)	Absolute Difference (AD)
1,1,1-Trichloroethane	0.1 U	0.5 U	Both ND	--
1,1,2,2-Tetrachloroethane	0.2	0.5 U	hit < RL	< 2xRL
1,1,2-Trichloro-1,2,2-trifluoroethane	NA	0.5 U	--	--
1,1,2-Trichloroethane	0.1 U	0.5 U	Both ND	--
1,1-Dichloroethane	0.1	0.11 J	9.5%	< 2xRL
1,1-Dichloroethene	2.3	1.5	42.1%	--
1,2,3-Trichlorobenzene	NA	4.8	--	--
1,2,4-Trichlorobenzene	19	16	17.1%	--
1,2-Dibromo-3-chloropropane	NA	0.5 U	--	--
1,2-Dibromoethane	NA	0.5 U	--	--
1,2-Dichlorobenzene	3.6	3.3	8.7%	--
1,2-Dichloroethane	5.2	4.7	10.1%	--
1,2-Dichloropropane	0.1 U	0.5 U	Both ND	--
1,3-Dichlorobenzene	NA	0.45 J	--	--
1,4-Dichlorobenzene	1.8	1.5	18.2%	--
1,4-Dioxane	5	6	18.2%	--
2,4,5-Trichlorotoluene	NA	0.97 JN	--	--
2-Butanone	1 U	5 U	Both ND	--
2-Hexanone	NA	5 U	--	--
4-Methyl-2-pentanone	1 U	5 U	Both ND	--
Acetone	3 U	5 U	Both ND	--
Acrolein	4 U	NA	--	--
Acrylonitrile	1 U	NA	--	--
Benzene	1.7	1.4	19.4%	--
Benzene, 1,2-dichloro-3-methyl-	NA	3.3 JN	--	--
Benzene, 1,2-dichloro-4-methyl-	NA	0.76 JN	--	--
Bromochloromethane	NA	0.5 U	--	--
Bromodichloromethane	0.1 U	0.5 U	Both ND	--
Bromoform	0.1 U	0.5 U	Both ND	--
Bromomethane	0.1 U	0.5 U	Both ND	--
Carbon disulfide	0.4 U	0.5 U	Both ND	--
Carbon tetrachloride	0.1 U	0.5 U	Both ND	--
Chlorobenzene	1.7	1.4	19.4%	--
Chloroethane	0.1 U	0.5 U	Both ND	--
Chloroform	0.3	0.29 J	3.4%	< 2xRL
Chloromethane	0.2 U	0.5 U	Both ND	--
cis-1,2-Dichloroethene	2.6	2.1	21.3%	--
cis-1,3-Dichloropropene	0.1 U	0.5 U	Both ND	--
Cyclohexane	NA	0.5 U	--	--
Dibromochloromethane	0.1 U	0.5 U	Both ND	--
Dichlorodifluoromethane	0.1 U	0.5 U	Both ND	--
Ethyl ether	NA	5 JN	--	--
Ethylbenzene	0.4	0.32 J	22.2%	< 2xRL
Isopropylbenzene	NA	0.5 U	--	--
m,p-Xylene	NA	0.76	--	--
Methyl acetate	0.3 U	0.5 U	Both ND	--
Methyl tert-butyl ether	0.3	0.28 J	6.9%	< 2xRL
Methylcyclohexane	NA	0.23 J	--	--
Methylene chloride	0.2 U	0.5 U	Both ND	--
Naphthalene [VOC Fraction]	0.1 U	NA	--	--
n-Butyl ether	NA	2.2 JN	--	--
o-Xylene	NA	0.25 J	--	--
Styrene	0.1 U	0.5 U	Both ND	--
t-Butyl Alcohol	4 U	NA	--	--
Tetrachloroethene	0.1	0.5 U	hit < RL	< 2xRL
Toluene	0.1 U	0.5 U	Both ND	--
trans-1,2-Dichloroethene	0.2	0.18 J	10.5%	< 2xRL
trans-1,3-Dichloropropene	0.1 U	0.5 U	Both ND	--
Trichloroethene	1.5	1.2	22.2%	--
Trichlorofluoromethane	0.1 U	0.5 U	Both ND	--
Unknown Carbonyl sulfide	NA	1.7 J	--	--
Vinyl chloride	1.5	1.6	6.5%	--

Table 2 (Sheet 59 of 69)
Comparison Evaluation - Aqueous Samples
Sample CPS-7 07-26-2012

	PRP Sample (ug/L)	EPA Split (ug/L)	Relative Percent Difference (RPD)	Absolute Difference (AD)
Xylenes, total	1.2	1.01	17.2%	--

NOTES:

Agreement between the data sets are shaded in light green, including :

- RPD less than 30% [aqueous] or 50% [solid] for organics
- RPD less than 20% [aqueous] or 35% [solid] for metals
- Both results are non-detects
- One detected result value is at or below the RL of the other sample set
- AD less than two times reporting limit

Unacceptable comparisons are shaded in pink, including:

- RPD greater than 30% [aqueous] or 50% [solid] for organics
- RPD greater than 20% [aqueous] or 35% [solid] for metals
- One detected result value is above the RL of the other sample set
- AD greater than two times reporting limit

Table 2 (Sheet 60 of 69)
Comparison Evaluation - Aqueous Samples
Sample SRI-GW-16

	PRP Sample (ug/L)	EPA Split (ug/L)	Relative Percent Difference (RPD)	Absolute Difference (AD)
1,1,1-Trichloroethane	0.1 U	0.5 U	Both ND	--
1,1,2,2-Tetrachloroethane	0.1 U	0.5 U	Both ND	--
1,1,2-Trichloro-1,2,2-trifluoroethane	NA	0.5 U	--	--
1,1,2-Trichloroethane	0.1 U	0.5 U	Both ND	--
1,1-Dichloroethane	0.1 U	0.067 J	hit < RL	< 2xRL
1,1-Dichloroethene	0.1 U	0.5 U	Both ND	--
1,2,3-Trichlorobenzene	NA	0.5 U	--	--
1,2,4-Trichlorobenzene	0.1 U	0.5 U	Both ND	--
1,2-Dibromo-3-chloropropane	NA	0.5 U	--	--
1,2-Dibromoethane	NA	0.5 U	--	--
1,2-Dichlorobenzene	0.1 U	0.5 U	Both ND	--
1,2-Dichloroethane	3.5	3.3	5.9%	--
1,2-Dichloropropane	0.1 U	0.5 U	Both ND	--
1,3-Dichlorobenzene	0.1 U	0.5 U	Both ND	--
1,4-Dichlorobenzene	0.1 U	0.5 U	Both ND	--
1,4-Dioxane	140	NA	--	--
2-Butanone	1 U	5 U	Both ND	--
2-Hexanone	NA	5 U	--	--
4-Methyl-2-pentanone	1 U	5 U	Both ND	--
Acetone	3 U	5 UJ	Both ND	--
Acrolein	4 U	NA	--	--
Acrylonitrile	1 U	NA	--	--
Benzene	0.1 U	0.5 U	Both ND	--
Bromochloromethane	NA	0.5 U	--	--
Bromodichloromethane	0.1 U	0.5 U	Both ND	--
Bromoform	0.1 U	0.5 U	Both ND	--
Bromomethane	0.1 U	0.5 U	Both ND	--
Carbon disulfide	0.4 U	0.5 U	Both ND	--
Carbon tetrachloride	0.1 U	0.5 U	Both ND	--
Chlorobenzene	0.2	0.16 J	22.2%	< 2xRL
Chloroethane	0.1 U	0.5 U	Both ND	--
Chloroform	0.1 U	0.5 U	Both ND	--
Chloromethane	0.2 U	0.5 U	Both ND	--
cis-1,2-Dichloroethene	0.4	0.4 J	0.0%	< 2xRL
cis-1,3-Dichloropropene	0.1 U	0.5 U	Both ND	--
Cyclohexane	NA	0.5 U	--	--
Dibromochloromethane	0.1 U	0.5 U	Both ND	--
Dichlorodifluoromethane	0.1 U	0.5 U	Both ND	--
Ethylbenzene	0.1 U	0.5 U	Both ND	--
Isopropylbenzene	NA	0.5 U	--	--
m,p-Xylene	NA	0.07 J	--	--
Methyl acetate	0.3 U	0.5 U	Both ND	--
Methyl tert-butyl ether	1.3	1.7	26.7%	--
Methylcyclohexane	NA	0.5 U	--	--
Methylene chloride	0.2 U	0.5 U	Both ND	--
Naphthalene [VOC Fraction]	0.1 U	NA	--	--
o-Xylene	NA	0.5 U	--	--
Styrene	0.1 U	0.5 U	Both ND	--
t-Butyl Alcohol	4 U	NA	--	--
Tetrachloroethene	0.1 U	0.074 J	hit < RL	< 2xRL
Toluene	0.1 U	0.074 J	hit < RL	< 2xRL
trans-1,2-Dichloroethene	0.1 U	0.5 U	Both ND	--
trans-1,3-Dichloropropene	0.1 U	0.5 U	Both ND	--
Trichloroethene	0.2	0.22 J	9.5%	< 2xRL
Trichlorofluoromethane	0.1 U	0.5 U	Both ND	--
Vinyl chloride	0.08 U	0.5 U	Both ND	--
Xylenes, total	0.1 U	0.07 J	hit < RL	< 2xRL

NOTES:
Agreement between the data sets are shaded in light green, including :

- RPD less than 30% [aqueous] or 50% [solid] for organics
- RPD less than 20% [aqueous] or 35% [solid] for metals

Table 2 (Sheet 61 of 69)
Comparison Evaluation - Aqueous Samples
Sample SRI-GW-16

	PRP Sample (ug/L)	EPA Split (ug/L)	Relative Percent Difference (RPD)	Absolute Difference (AD)

- Both results are non-detects
- One detected result value is at or below the RL of the other sample set
- AD less than two times reporting limit

Unacceptable comparisons are shaded in pink, including:

- RPD greater than 30% [aqueous] or 50% [solid] for organics
- RPD greater than 20% [aqueous] or 35% [solid] for metals
- One detected result value is above the RL of the other sample set
- AD greater than two times reporting limit

Table 2 (Sheet 62 of 69)
Comparison Evaluation - Aqueous Samples
Sample SRI-GW-18

	PRP Sample (ug/L)	EPA Split (ug/L)	Relative Percent Difference (RPD)	Absolute Difference (AD)
1,1,1-Trichloroethane	0.5 U	2 U	Both ND	--
1,1,2,2-Tetrachloroethane	0.5 U	2 U	Both ND	--
1,1,2-Trichloro-1,2,2-trifluoroethane	NA	2 U	--	--
1,1,2-Trichloroethane	0.5 U	2 U	Both ND	--
1,1-Dichloroethane	0.5 U	2 U	Both ND	--
1,1-Dichloroethene	0.5 U	2 U	Both ND	--
1,2,3-Trichlorobenzene	NA	2 U	--	--
1,2,4-Trichlorobenzene	0.5 U	2 U	Both ND	--
1,2-Dibromo-3-chloropropane	NA	2 U	--	--
1,2-Dibromoethane	NA	2 U	--	--
1,2-Dichlorobenzene	0.5 U	2 U	Both ND	--
1,2-Dichloroethane	2.2	2.3	4.4%	--
1,2-Dichloropropane	0.5 U	2 U	Both ND	--
1,3-Dichlorobenzene	0.5 U	2 U	Both ND	--
1,4-Dichlorobenzene	0.5 U	2 U	Both ND	--
1,4-Dioxane	100 U	NA	--	--
2-Butanone	5 U	20 U	Both ND	--
2-Hexanone	NA	20 U	--	--
4-Methyl-2-pentanone	5 U	20 U	Both ND	--
Acetone	15 U	R	R	--
Acrolein	20 U	NA	--	--
Acrylonitrile	5 U	NA	--	--
Benzene	0.5	2 U	hit < RL	< 2xRL
Bromochloromethane	NA	2 U	--	--
Bromodichloromethane	0.5 U	2 U	Both ND	--
Bromoform	0.5 U	2 U	Both ND	--
Bromomethane	0.5 U	2 U	Both ND	--
Carbon disulfide	2 U	2 U	Both ND	--
Carbon tetrachloride	0.5 U	2 U	Both ND	--
Chlorobenzene	0.5 U	2 U	Both ND	--
Chloroethane	0.5 U	2 U	Both ND	--
Chloroform	0.5 U	2 U	Both ND	--
Chloromethane	1 U	2 U	Both ND	--
cis-1,2-Dichloroethene	3.5	3.5 NA	--	--
cis-1,3-Dichloropropene	0.5 U	2 U	Both ND	--
Cyclohexane	NA	2.2	--	--
Dibromochloromethane	0.5 U	2 U	Both ND	--
Dichlorodifluoromethane	0.5 U	2 U	Both ND	--
Ethylbenzene	160	140	13.3%	--
Isopropylbenzene	NA	0.46 J	--	--
m,p-Xylene	NA	410	--	--
Methyl acetate	1.5 U	2 U	Both ND	--
Methyl tert-butyl ether	1.3	2 J	42.4%	< 2xRL
Methylcyclohexane	NA	2 U	--	--
Methylene chloride	1 U	2 U	Both ND	--
Naphthalene [VOC Fraction]	0.5 U	NA	--	--
o-Xylene	NA	52 U	--	--
Styrene	0.5 U	2 J	hit > RL	> 2xRL
t-Butyl Alcohol	20 U	NA	--	--
Tetrachloroethene	0.5 U	2 U	Both ND	--
Toluene	1.1	1.1 U	hit = RL	< 2xRL
Total Alkanes	NA	9.1 J	--	--
trans-1,2-Dichloroethene	0.5 U	2 U	Both ND	--
trans-1,3-Dichloropropene	0.5 U	2 U	Both ND	--
Trichloroethene	1.6	1.9	17.1%	--
Trichlorofluoromethane	0.5 U	2	hit > RL	> 2xRL
Vinyl chloride	0.4 U	2	hit > RL	> 2xRL
Xylenes, total	520	410	23.7%	--

NOTES:
Agreement between the data sets are shaded in light green, including :
- RPD less than 30% [aqueous] or 50% [solid] for organics

Table 2 (Sheet 63 of 69)
Comparison Evaluation - Aqueous Samples
Sample SRI-GW-18

	PRP Sample (ug/L)	EPA Split (ug/L)	Relative Percent Difference (RPD)	Absolute Difference (AD)

- RPD less than 20% [aqueous] or 35% [solid] for metals
- Both results are non-detects
- One detected result value is at or below the RL of the other sample set
- AD less than two times reporting limit

Unacceptable comparisons are shaded in pink, including:

- RPD greater than 30% [aqueous] or 50% [solid] for organics
- RPD greater than 20% [aqueous] or 35% [solid] for metals
- One detected result value is above the RL of the other sample set
- AD greater than two times reporting limit

Table 2 (Sheet 64 of 69)
Comparison Evaluation - Aqueous Samples
Sample SRI-SS-46-H

	PRP Sample (ug/L)	EPA Split (ug/L)	Relative Percent Difference (RPD)	Absolute Difference (AD)
1,1,1-Trichloroethane	2 U	5.3 U	Both ND	--
1,1,2,2-Tetrachloroethane	2 U	5.3 U	Both ND	--
1,1,2-Trichloro-1,2,2-trifluoroethane	3 U	5.3 U	Both ND	--
1,1,2-Trichloroethane	2 U	5.3 U	Both ND	--
1,1'-Biphenyl	19 U	190 U	Both ND	--
1,1-Dichloroethane	2 U	5.3 U	Both ND	--
1,1-Dichloroethene	2 U	5.3 U	Both ND	--
1,2,3-Trichlorobenzene	2 U	5.3 U	Both ND	--
1,2,4,5-Tetrachlorobenzene	19 U	190 U	Both ND	--
1,2,4-Trichlorobenzene	2 U	5.3 U	Both ND	--
1,2-Dibromo-3-chloropropane	3 U	5.3 U	Both ND	--
1,2-Dibromoethane	2 U	5.3 U	Both ND	--
1,2-Dichlorobenzene	2 U	0.21 J	hit < RL	< 2xRL
1,2-Dichloroethane	2 U	5.3 U	Both ND	--
1,2-Dichloropropane	2 U	5.3 U	Both ND	--
1,3-Dichlorobenzene	2 U	0.34 J	hit < RL	< 2xRL
1,4-Dichlorobenzene	2 U	0.61 J	hit < RL	< 2xRL
1,4-Dioxane [VOC Fraction]	110 U	R	R	--
1,4-Dioxane [SVOC Fraction]	120 U	77 U	Both ND	--
2,2'-Oxybis(1-chloropropane)	19 U	190 U	Both ND	--
2,3,4,6-Tetrachlorophenol	77 U	190 U	Both ND	--
2,4,5-Trichlorophenol	19 U	190 U	Both ND	--
2,4,6-Trichlorophenol	19 U	190 U	Both ND	--
2,4-Dichlorophenol	19 U	190 U	Both ND	--
2,4-Dimethylphenol	19 U	190 U	Both ND	--
2,4-Dinitrophenol	350 U	380 U	Both ND	--
2,4-Dinitrotoluene	77 U	190 U	Both ND	--
2,6-Dinitrotoluene	19 U	190 U	Both ND	--
2-Butanone	7 U	11 U	Both ND	--
2-Chloronaphthalene	8 U	190 U	Both ND	--
2-Chlorophenol	19 U	190 U	Both ND	--
2-Hexanone	5 U	11 U	Both ND	--
2-Methylnaphthalene	4 U	190 U	Both ND	--
2-Methylphenol	19 U	190 U	Both ND	--
2-Nitroaniline	19 U	380 U	Both ND	--
2-Nitrophenol	19 U	190 U	Both ND	--
3,3-Dichlorobenzidine	120 U	190 UJ	Both ND	--
3-Nitroaniline	77 U	380 U	Both ND	--
3-Penten-2-one, 4-methyl-	NA	440 JN	--	--
4,6-Dinitro-2-methylphenol	190 U	380 U	Both ND	--
4-Bromophenyl-phenylether	19 U	190 U	Both ND	--
4-Chloro-3-methylphenol	19 U	190 U	Both ND	--
4-Chloroaniline	19 U	190 UJ	Both ND	--
4-Chlorophenyl-phenylether	19 U	190 U	Both ND	--
4-Methyl-2-pentanone	5 U	11 U	Both ND	--
4-Methylphenol	19 U	190 U	Both ND	--
4-Nitroaniline	77 U	380 U	Both ND	--
4-Nitrophenol	190 U	380 U	Both ND	--
9-Octadecenamide, (Z)-	NA	2400 JNB	--	--
Acenaphthene	4 U	190 U	Both ND	--
Acenaphthylene	4 U	190 U	Both ND	--
Acetone	21	11	62.5%	--
Acetophenone	19 U	190 U	Both ND	--
Acrolein	33 U	NA	--	--
Acrylonitrile	7 U	NA	--	--
Anthracene	4 U	190 U	Both ND	--
Atrazine	39 U	190 U	Both ND	--
Benzaldehyde	77 U	9.7 J	hit < RL	< 2xRL
Benzene	0.8 U	5.3 U	Both ND	--
Benzidine	810 U	NA	--	--
Benzo(a)anthracene	4 U	190 U	Both ND	--
Benzo(a)pyrene	4 U	190 U	Both ND	--

Table 2 (Sheet 65 of 69)
Comparison Evaluation - Aqueous Samples
Sample SRI-SS-46-H

	PRP Sample (ug/L)	EPA Split (ug/L)	Relative Percent Difference (RPD)	Absolute Difference (AD)
Benzo(b)fluoranthene	4 U	190 U	Both ND	--
Benzo(g,h,i)perylene	4 U	190 U	Both ND	--
Benzo(k)fluoranthene	4 U	190 U	Both ND	--
Bis(2-chloroethoxy)methane	19 U	190 U	Both ND	--
Bis(2-chloroethyl)ether	19 U	190 U	Both ND	--
Bis(2-ethylhexyl)phthalate	77 U	190 U	Both ND	--
Bromochloromethane	2 U	5.3 U	Both ND	--
Bromodichloromethane	2 U	5.3 U	Both ND	--
Bromoform	2 U	5.3 U	Both ND	--
Bromomethane	3 U	5.3 U	Both ND	--
Butylbenzylphthalate	77 U	13 J	hit < RL	< 2xRL
Caprolactam	39 U	190 U	Both ND	--
Carbazole	19 U	190 U	Both ND	--
Carbon disulfide	2 U	5.3 U	Both ND	--
Carbon tetrachloride	2 U	5.3 U	Both ND	--
Chlorobenzene	2 U	5.3 U	Both ND	--
Chloroethane	3 U	5.3 U	Both ND	--
Chloroform	2 U	5.3 U	Both ND	--
Chloromethane	3 U	5.3 U	Both ND	--
Chrysene	4 U	190 U	Both ND	--
cis-1,2-Dichloroethene	2 U	5.3 U	Both ND	--
cis-1,3-Dichloropropene	2 U	5.3 U	Both ND	--
Cyclohexane	2 U	5.3 U	Both ND	--
Dibenzo(a,h)anthracene	4 U	190 U	Both ND	--
Dibenzofuran	19 U	190 U	Both ND	--
Dibromochloromethane	2 U	5.3 U	Both ND	--
Dichlorodifluoromethane	3 U	5.3 U	Both ND	--
Diethylphthalate	77 U	8.3 J	hit < RL	< 2xRL
Dimethylphthalate	77 U	190 U	Both ND	--
Di-n-butylphthalate	77 U	190 U	Both ND	--
Di-n-octylphthalate	77 U	190 U	Both ND	--
Ethylbenzene	2 U	0.31 J	hit < RL	< 2xRL
Fluoranthene	4 U	190 U	Both ND	--
Fluorene	4 U	190 U	Both ND	--
Hexachlorobenzene	4 U	190 U	Both ND	--
Hexachlorobutadiene	19 U	190 U	Both ND	--
Hexachlorocyclopentadiene	190 U	190 UJ	Both ND	--
Hexachloroethane	39 U	190 U	Both ND	--
Hexadecanamide	NA	140 JNB	--	--
Hexanoic acid	NA	150 JN	--	--
Indeno(1,2,3-cd)pyrene	4 U	190 U	Both ND	--
Isophorone	19 U	190 U	Both ND	--
Isopropylbenzene	2 U	5.3 U	Both ND	--
m,p-Xylene	2 U	0.3 J	hit < RL	< 2xRL
Methyl acetate	3 U	5.3 U	Both ND	--
Methylene chloride	9	1.4 J	146.2%	> 2xRL
Methyl tert-butyl ether	0.8 U	5.3 U	Both ND	--
Methylcyclohexane	2 U	5.3 U	Both ND	--
Naphthalene	4 U	190 U	Both ND	--
n-Hexadecanoic acid	NA	77 JN	--	--
Nitrobenzene	19 U	190 U	Both ND	--
N-Nitroso-di-n-propylamine	19 U	190 U	Both ND	--
N-Nitrosodiphenylamine	19 U	190 U	Both ND	--
o-Xylene	2 U	5.3 U	Both ND	--
Pentachlorophenol	39 U	380 U	Both ND	--
Phenanthrene	4 U	190 U	Both ND	--
Phenol	19 U	190 U	Both ND	--
Pyrene	4 U	190 U	Both ND	--
Squalene	NA	79 JN	--	--
Styrene	2 U	5.3 U	Both ND	--
t-Butyl Alcohol	33 U	NA	--	--
Tetrachloroethene	2 U	5.3 U	Both ND	--

Table 2 (Sheet 66 of 69)
Comparison Evaluation - Aqueous Samples
Sample SRI-SS-46-H

	PRP Sample (ug/L)	EPA Split (ug/L)	Relative Percent Difference (RPD)	Absolute Difference (AD)
Toluene	2 U	0.24 J	hit < RL	< 2xRL
Total Alkanes	NA	20000 J	--	--
trans-1,2-Dichloroethene	2 U	5.3 U	Both ND	--
trans-1,3-Dichloropropene	2 U	5.3 U	Both ND	--
Trichloroethene	2 U	5.3 U	Both ND	--
Trichlorofluoromethane	3 U	5.3 U	Both ND	--
Unknown 17-(1,5-Dimethylhexyl)-10,13-dimethyl-4-vinylhex	NA	180 J	--	--
Unknown 2-Pentanone, 4-hydroxy-	NA	3300 JB	--	--
Unknown 2-Pentanone, 4-hydroxy-4-methyl-	NA	120000 JB	--	--
Unknown 2-Propanone, 1-chloro-	NA	350 J	--	--
Unknown 3-Octanol	NA	88 J	--	--
Unknown 9-Octadecenamide, (Z)-	NA	85 J	--	--
Unknown Phosphoric acid, tris(2-ethylhexyl) ester	NA	760 J	--	--
Unknown Phthalic anhydride	NA	170 J	--	--
Unknown Phthalic anhydride	NA	240 J	--	--
Unknown Propane, 2,2-dimethoxy-	NA	750 JB	--	--
Unknown Propane, 2,2-dimethoxy-	NA	270 JB	--	--
Unknown Stigmastanol	NA	210 J	--	--
Unknown TATP	NA	830 JB	--	--
Vinyl chloride	2 U	5.3 U	Both ND	--

NOTES:

Agreement between the data sets are shaded in light green, including :

- RPD less than 30% [aqueous] or 50% [solid] for organics
- RPD less than 20% [aqueous] or 35% [solid] for metals
- Both results are non-detects
- One detected result value is at or below the RL of the other sample set
- AD less than two times reporting limit

Unacceptable comparisons are shaded in pink, including:

- RPD greater than 30% [aqueous] or 50% [solid] for organics
- RPD greater than 20% [aqueous] or 35% [solid] for metals
- One detected result value is above the RL of the other sample set
- AD greater than two times reporting limit

Table 2 (Sheet 67 of 69)
Comparison Evaluation - Aqueous Samples
Sample SRI-SS-47-D

	PRP Sample (ug/L)	EPA Split (ug/L)	Relative Percent Difference (RPD)	Absolute Difference (AD)
1,1,1-Trichloroethane	1 U	5.8 U	Both ND	--
1,1,2,2-Tetrachloroethane	1 U	5.8 U	Both ND	--
1,1,2-Trichloro-1,2,2-trifluoroethane	3 U	5.8 U	Both ND	--
1,1,2-Trichloroethane	1 U	5.8 U	Both ND	--
1,1'-Biphenyl	20 U	210 U	Both ND	--
1,1-Dichloroethane	1 U	5.8 U	Both ND	--
1,1-Dichloroethene	1 U	5.8 U	Both ND	--
1,2,3-Trichlorobenzene	1 U	R	R	--
1,2,4,5-Tetrachlorobenzene	20 U	210 U	Both ND	--
1,2,4-Trichlorobenzene	1 U	R	R	--
1,2-Dibromo-3-chloropropane	3 U	R	R	--
1,2-Dibromoethane	1 U	5.8 U	Both ND	--
1,2-Dichlorobenzene	1 U	R	R	--
1,2-Dichloroethane	1 U	5.8 U	Both ND	--
1,2-Dichloropropane	1 U	5.8 U	Both ND	--
1,3-Dichlorobenzene	1 U	R	R	--
1,4-Dichlorobenzene	1 U	R	R	--
1,4-Dioxane [VOC Fraction]	120 U	R	R	--
1,4-Dioxane [SVOC Fraction]	88 U	81 U	Both ND	--
10,18-Bisnorabieta-5,7,9(10),11,13-pentaene	NA	110 JN	--	--
18-Norabietane	NA	110 JN	--	--
1R-.alpha.-Pinene	NA	230 JN	--	--
2,2'-Oxybis(1-chloropropane)	20 U	210 U	Both ND	--
2,3,4,6-Tetrachlorophenol	80 U	210 U	Both ND	--
2,4,5-Trichlorophenol	20 U	210 U	Both ND	--
2,4,6-Trichlorophenol	20 U	210 U	Both ND	--
2,4-Dichlorophenol	20 U	210 U	Both ND	--
2,4-Dimethylphenol	20 U	210 U	Both ND	--
2,4-Dinitrophenol	360 U	400 U	Both ND	--
2,4-Dinitrotoluene	80 U	210 U	Both ND	--
2,6-Dinitrotoluene	20 U	210 U	Both ND	--
2-Butanone	5 U	12 U	Both ND	--
2-Chloronaphthalene	8 U	210 U	Both ND	--
2-Chlorophenol	20 U	210 U	Both ND	--
2-Hexanone	4 U	12 U	Both ND	--
2-Methylnaphthalene	4 U	210 U	Both ND	--
2-Methylphenol	20 U	210 U	Both ND	--
2-Nitroaniline	20 U	400 U	Both ND	--
2-Nitrophenol	20 U	210 U	Both ND	--
3,3-Dichlorobenzidine	120 U	210 U	Both ND	--
3-Nitroaniline	80 U	400 U	Both ND	--
3-Penten-2-one, 4-methyl-	NA	170 JN	--	--
4,6-Dinitro-2-methylphenol	200 U	400 U	Both ND	--
4b,8-Dimethyl-2-isopropylphenanthrene, 4b,5,6,7,	NA	140 JN	--	--
4-Bromophenyl-phenylether	20 U	210 U	Both ND	--
4-Chloro-3-methylphenol	20 U	210 U	Both ND	--
4-Chloroaniline	20 U	210 U	Both ND	--
4-Chlorophenyl-phenylether	20 U	210 U	Both ND	--
4-Methyl-2-pentanone	4 U	12 U	Both ND	--
4-Methylphenol	20 U	210 U	Both ND	--
4-Nitroaniline	80 U	400 U	Both ND	--
4-Nitrophenol	200 U	400 U	Both ND	--
9-Octadecenamide, (Z)-	NA	2300 JNB	--	--
Acenaphthene	4 U	210 U	Both ND	--
Acenaphthylene	4 U	210 U	Both ND	--
Acetone	56	25	76.5%	--
Acetophenone	20 U	210 U	Both ND	--
Acrolein	25 U	NA	--	--
Acrylonitrile	5 U	NA	--	--
Anthracene	4 U	210 U	Both ND	--

Table 2 (Sheet 68 of 69)
Comparison Evaluation - Aqueous Samples
Sample SRI-SS-47-D

	PRP Sample (ug/L)	EPA Split (ug/L)	Relative Percent Difference (RPD)	Absolute Difference (AD)
Atrazine	40 U	210 U	Both ND	--
Benzaldehyde	80 U	51 J	hit < RL	< 2xRL
Benzene	0.6 U	5.8 U	Both ND	--
Benzidine	840 U	NA	--	--
Benzo(a)anthracene	4 U	210 U	Both ND	--
Benzo(a)pyrene	4 U	210 U	Both ND	--
Benzo(b)fluoranthene	4 U	210 U	Both ND	--
Benzo(g,h,i)perylene	4 U	210 U	Both ND	--
Benzo(k)fluoranthene	4 U	210 U	Both ND	--
Bis(2-chloroethoxy)methane	20 U	210 U	Both ND	--
Bis(2-chloroethyl)ether	20 U	210 U	Both ND	--
Bis(2-ethylhexyl)phthalate	80 U	210 U	Both ND	--
Bromochloromethane	1 U	5.8 U	Both ND	--
Bromodichloromethane	1 U	5.8 U	Both ND	--
Bromoform	1 U	R	R	--
Bromomethane	3 U	5.8 U	Both ND	--
Butanoic acid, butyl ester	NA	89 JN	--	--
Butylbenzylphthalate	80 U	10 J	hit < RL	< 2xRL
Caprolactam	40 U	210 U	Both ND	--
Carbazole	20 U	210 U	Both ND	--
Carbon disulfide	1 U	5.8 U	Both ND	--
Carbon tetrachloride	1 U	5.8 U	Both ND	--
Chlorobenzene	1 U	5.8 U	Both ND	--
Chloroethane	3 U	5.8 U	Both ND	--
Chloroform	1 U	5.8 U	Both ND	--
Chloromethane	3 U	5.8 U	Both ND	--
Chrysene	4 U	210 U	Both ND	--
cis-1,2-Dichloroethene	1 U	5.8 U	Both ND	--
cis-1,3-Dichloropropene	1 U	5.8 U	Both ND	--
Cyclohexane	1 U	5.8 U	Both ND	--
Dibenzo(a,h)anthracene	4 U	210 U	Both ND	--
Dibenzofuran	20 U	210 U	Both ND	--
Dibromochloromethane	1 U	5.8 U	Both ND	--
Dichlorodifluoromethane	3 U	5.8 U	Both ND	--
Diethylphthalate	80 U	9.2 J	hit < RL	< 2xRL
Dimethylphthalate	80 U	210 U	Both ND	--
Di-n-butylphthalate	80 U	210 U	Both ND	--
Di-n-octylphthalate	80 U	210 U	Both ND	--
Ethylbenzene	1 U	5.8 U	Both ND	--
Eucalyptol	NA	110 JN	--	--
Fluoranthene	4 U	210 U	Both ND	--
Fluorene	4 U	210 U	Both ND	--
Hexachlorobenzene	4 U	210 U	Both ND	--
Hexachlorobutadiene	20 U	210 U	Both ND	--
Hexachlorocyclopentadiene	200 U	210 U	Both ND	--
Hexachloroethane	40 U	210 U	Both ND	--
Hexadecanamide	NA	140 JNB	--	--
Indeno(1,2,3-cd)pyrene	4 U	210 U	Both ND	--
Isophorone	20 U	210 U	Both ND	--
Isopropylbenzene	1 U	5.8 U	Both ND	--
m,p-Xylene	1 U	5.8 U	Both ND	--
Methyl acetate	3 U	5.8 U	Both ND	--
Methyl tert-butyl ether	0.6 U	5.8 U	Both ND	--
Methylcyclohexane	1 U	5.8 U	Both ND	--
Methylene chloride	3 U	1.3 J	hit < RL	< 2xRL
Naphthalene	4 U	210 U	Both ND	--
Nitrobenzene	20 U	210 U	Both ND	--
N-Nitroso-di-n-propylamine	20 U	210 U	Both ND	--
N-Nitrosodiphenylamine	20 U	210 U	Both ND	--
o-Xylene	1 U	5.8 U	Both ND	--
Pentachlorophenol	40 U	400 U	Both ND	--
Phenanthrene	4 U	210 U	Both ND	--

Table 2 (Sheet 69 of 69)
Comparison Evaluation - Aqueous Samples
Sample SRI-SS-47-D

	PRP Sample (ug/L)	EPA Split (ug/L)	Relative Percent Difference (RPD)	Absolute Difference (AD)
Phenol	20 U	210 U	Both ND	--
Pyrene	4 U	210 U	Both ND	--
Styrene	1 U	5.8 U	Both ND	--
t-Butyl Alcohol	25 U	NA	--	--
Tetrachloroethene	1 U	5.8 U	Both ND	--
Toluene	1 U	1.3 J	hit > RL	< 2xRL
Total Alkanes	NA	24000 J	--	--
trans-1,2-Dichloroethene	1 U	5.8 U	Both ND	--
trans-1,3-Dichloropropene	1 U	5.8 U	Both ND	--
Trichloroethene	1 U	5.8 U	Both ND	--
Trichlorofluoromethane	3 U	5.8 U	Both ND	--
Unknown .gamma.-Sitosterol	NA	940 J	--	--
Unknown 1,3-Cyclopentadiene, 5,5-dimethyl-1,2-Dipropyl-	NA	83 J	--	--
Unknown 1-Penten-3-one, 1-(2,6,6-trimethyl-1-cyclohexen-	NA	110 J	--	--
Unknown 2-((4-Chlorophenyl)sulfanyl)-N-(8-methyl-8-azabi	NA	200 J	--	--
Unknown 2,4,6-Trimethyl-3-heptene	NA	140 J	--	--
Unknown 2,5,5,8a-Tetramethyl-6,7,8,8a-tetrahydro-5H-naph	NA	400 J	--	--
Unknown 2-Nonanone	NA	890 J	--	--
Unknown 2-Nonanone, 9-hydroxy-	NA	130 J	--	--
Unknown 2-Pentanone, 4-hydroxy-	NA	3300 JB	--	--
Unknown 2-Pentanone, 4-hydroxy-4-methyl-	NA	130000 JB	--	--
Unknown 2-Propanone, 1-chloro-	NA	310 J	--	--
Unknown 3-Octanol	NA	88 J	--	--
Unknown 5-Cholestene-3-ol, 24-methyl-	NA	89 J	--	--
Unknown Butane, 2-methoxy-2-methyl-	NA	85 J	--	--
Unknown Cyclohexanamine, 2-[(phenylethynyl)thio]-	NA	220 J	--	--
Unknown Heptamethyl-3-phenyl-1,4-cyclohexadiene	NA	81 J	--	--
Unknown Naphthalene, 1,2,3,5,6,7,8,8a-octahydro-1,8a-dim	NA	910 J	--	--
Unknown Propane, 2,2-dimethoxy-	NA	800 JB	--	--
Unknown Propane, 2,2-dimethoxy-	NA	260 JB	--	--
Vinyl chloride	1 U	5.8 U	Both ND	--

NOTES:

Agreement between the data sets are shaded in light green, including :

- RPD less than 30% [aqueous] or 50% [solid] for organics
- RPD less than 20% [aqueous] or 35% [solid] for metals
- Both results are non-detects
- One detected result value is at or below the RL of the other sample set
- AD less than two times reporting limit

Unacceptable comparisons are shaded in pink, including:

- RPD greater than 30% [aqueous] or 50% [solid] for organics
- RPD greater than 20% [aqueous] or 35% [solid] for metals
- One detected result value is above the RL of the other sample set
- AD greater than two times reporting limit